

<110> INCYTE CORPORATION; Jiang, Xin;
 Becha, Shanya D.; BULLOCH, Sean A.;
 CHANG, Hsin-Ru; CHAWLA, Narinder K.;
 ELLIOTT, Vicki S.; EMERLING, Brooke M.;
 GIETZEN, Kimberly J.; HAFALIA, April J.A.;
 JACKSON, Alan A.; KABLE, Amy E.;
 KHARE, Reena; LEE, Soo Yeun;
 MARQUIS, Joseph P.; MURAGE, Jaji;
 SWARNAKAR, Anita; YANG, Yonghong G.

<120> LIPID-ASSOCIATED MOLECULES

<130> PF-1618 PCT

<140> To Be Assigned

<141> Herewith

<150> US 60/426,105

<151> 2002-11-13

<150> US 60/433,215

<151> 2002-12-12

<150> US 60/453,127

<151> 2003-03-07

<150> US 60/454,801

<151> 2003-03-13

<150> US 60/465,619

<151> 2003-04-24

<150> US 60/465,495

<151> 2003-04-24

<150> US 60/491,800

<151> 2003-08-01

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<223> Incyte ID No: 7511098CD1

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Gly	Thr	Ala	Trp	Ala	Arg	Arg	Ser	Gln	Asp	Leu	His	Cys	Gly	Ala
				20					25					30
Cys	Arg	Ala	Leu	Val	Asp	Glu	Leu	Glu	Trp	Glu	Ile	Ala	Gln	Val
				35					40					45
Asp	Pro	Lys	Lys	Thr	Ile	Gln	Met	Gly	Ser	Phe	Arg	Ile	Asn	Pro
				50					55					60
Asp	Gly	Ser	Gln	Ser	Val	Val	Glu	Cys	Glu	Ser	Ile	Val	Glu	Glu
				65					70					75
Tyr	Glu	Asp	Glu	Leu	Ile	Glu	Phe	Phe	Ser	Arg	Glu	Ala	Asp	Asn
				80					85					90

Val	Lys	Asp	Lys	Leu	Cys	Ser	Lys	Arg	Thr	Asp	Leu	Cys	Asp	His
				95					100					105
Ala	Leu	His	Ile	Ser	His	Asp	Glu	Leu						
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Leu	Gly	Phe	Glu	Val	Gln	Gly	Thr	Gln	Gln	Pro	Gln	Gln	Asp	Glu
				20					25					30
Met	Pro	Ser	Pro	Thr	Phe	Leu	Thr	Gln	Val	Lys	Glu	Ser	Leu	Ser
				35					40					45
Ser	Tyr	Trp	Glu	Ser	Ala	Lys	Thr	Ala	Ala	Gln	Asn	Leu	Asp	Leu
				50					55					60
Tyr	Ser	Lys	Ser	Thr	Ala	Ala	Met	Ser	Thr	Tyr	Thr	Gly	Ile	Phe
				65					70					75
Thr	Asp	Gln	Val	Leu	Ser	Val	Leu	Lys	Gly	Glu	Glu			
				80					85					

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<220>
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Thr	Leu	Cys	Gly	Pro	Gly	Thr	Ala	Ala	Trp	Thr	Thr	Ser	Ser	Leu
				20					25					30
Ala	Cys	Ala	Gln	Gly	Pro	Glu	Phe	Trp	Cys	Gln	Ser	Leu	Glu	Gln
				35					40					45
Ala	Leu	Gln	Cys	Arg	Ala	Leu	Gly	His	Cys	Leu	Gln	Glu	Val	Trp
				50					55					60
Gly	His	Val	Gly	Ala	Asp	Leu	Ser	Glu	Gln	Gln	Phe	Pro	Ile	Pro
				65					70					75
Leu	Pro	Tyr	Cys	Trp	Leu	Cys	Arg	Ala	Leu	Ile	Lys	Arg	Ile	Gln
				80					85					90
Ala	Met	Ile	Pro	Lys	Gly	Ala	Leu	Ala	Val	Ala	Val	Ala	Gln	Val
				95					100					105
Cys	Arg	Val	Val	Pro	Leu	Val	Ala	Gly	Gly	Ile	Cys	Gln	Cys	Leu
				110					115					120
Ala	Glu	Arg	Tyr	Ser	Val	Ile	Leu	Leu	Asp	Thr	Leu	Leu	Gly	Arg
				125					130					135
Met	Leu	Pro	Gln	Leu	Val	Cys	Arg	Leu	Val	Leu	Arg	Cys	Ser	Met
				140					145					150
Asp	Asp	Ser	Ala	Gly	Pro	Arg	Glu	Trp	Leu	Pro	Arg	Asp	Ser	Glu
				155					160					165
Cys	His	Leu	Cys	Met	Ser	Val	Thr	Thr	Gln	Ala	Gly	Asn	Ser	Ser
				170					175					180
Glu	Gln	Ala	Ile	Pro	Gln	Ala	Met	Leu	Gln	Ala	Cys	Val	Gly	Ser

Trp	Leu	Asp	Arg	185	Glu	Lys	Cys	Lys	Gln	190	Phe	Val	Glu	Gln	His	195	Thr
				200						205							210
Pro	Gln	Leu	Leu	215	Thr	Leu	Val	Pro	Arg	220	Gly	Trp	Asp	Ala	His		Thr
Thr	Cys	Gln	Ala	230	Leu	Gly	Val	Cys	Gly	235	Thr	Met	Ser	Ser	Pro		Leu
Gln	Cys	Ile	His	245	Ser	Pro	Asp	Leu									

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Ala	Pro	Ser	Asp	Ala	Glu	Val	Leu	His	Leu	Cys	Arg	Ser	Leu	Glu			
				20					25					30			
Val	Gly	Thr	Val	Met	Thr	Leu	Phe	Tyr	Ser	Lys	Lys	Ser	Gln	Arg			
				35					40					45			
Pro	Glu	Arg	Lys	Thr	Phe	Gln	Val	Lys	Leu	Glu	Thr	Arg	Gln	Ile			
				50					55					60			
Thr	Trp	Ser	Arg	Gly	Ala	Asp	Lys	Ile	Glu	Gly	Ala	Ile	Asp	Ile			
				65					70					75			
Arg	Glu	Ile	Lys	Glu	Ile	Arg	Pro	Gly	Lys	Thr	Ser	Arg	Asp	Phe			
				80					85					90			
Asp	Arg	Tyr	Gln	Glu	Asp	Pro	Ala	Phe	Arg	Pro	Asp	Gln	Ser	His			
				95					100					105			
Cys	Phe	Val	Ile	Leu	Tyr	Gly	Met	Glu	Phe	Arg	Leu	Lys	Thr	Leu			
				110					115					120			
Ser	Leu	Gln	Ala	Thr	Ser	Glu	Asp	Glu	Val	Asn	Met	Trp	Ile	Lys			
				125					130					135			
Gly	Leu	Thr	Trp	Leu	Met	Glu	Asp	Thr	Leu	Gln	Ala	Pro	Thr	Pro			
				140					145					150			
Leu	Gln	Ile	Glu	Arg	Trp	Leu	Arg	Lys	Gln	Phe	Tyr	Ser	Val	Asp			
				155					160					165			
Arg	Asn	Arg	Glu	Asp	Arg	Ile	Ser	Ala	Lys	Asp	Leu	Lys	Asn	Met			
				170					175					180			
Leu	Ser	Gln	Val	Asn	Tyr	Arg	Val	Pro	Asn	Met	Arg	Phe	Leu	Arg			
				185					190					195			
Glu	Arg	Leu	Thr	Asp	Leu	Glu	Gln	Arg	Ser	Gly	Asp	Ile	Thr	Tyr			
				200					205					210			
Gly	Gln	Phe	Ala	Gln	Leu	Tyr	Arg	Ser	Leu	Met	Tyr	Ser	Ala	Gln			
				215					220					225			
Lys	Thr	Met	Asp	Leu	Pro	Phe	Leu	Glu	Ala	Ser	Thr	Leu	Arg	Ala			
				230					235					240			
Gly	Glu	Arg	Pro	Glu	Leu	Cys	Arg	Val	Ser	Leu	Pro	Glu	Phe	Gln			
				245					250					255			
Gln	Phe	Leu	Leu	Asp	Tyr	Gln	Gly	Glu	Leu	Trp	Ala	Val	Asp	Arg			
				260					265					270			
Leu	Gln	Val	Gln	Glu	Phe	Met	Leu	Ser	Phe	Leu	Arg	Asp	Pro	Leu			
				275					280					285			
Arg	Glu	Ile	Glu	Glu	Pro	Tyr	Phe	Phe	Leu	Asp	Glu	Phe	Val	Thr			
				290					295					300			
Phe	Leu	Phe	Ser	Lys	Glu	Asn	Ser	Val	Trp	Asn	Ser	Gln	Leu	Asp			
				305					310					315			
Ala	Val	Cys	Pro	Asp	Thr	Met	Asn	Asn	Pro	Leu	Ser	His	Tyr	Trp			

				320					325				330	
Ile	Ser	Ser	Ser	His	Asn	Thr	Tyr	Leu	Thr	Gly	Asp	Gln	Phe	Ser
				335					340					345
Ser	Glu	Ser	Ser	Leu	Glu	Ala	Tyr	Ala	Arg	Cys	Leu	Arg	Met	Gly
				350					355					360
Cys	Arg	Cys	Ile	Glu	Leu	Asp	Cys	Trp	Asp	Gly	Pro	Asp	Gly	Met
				365					370					375
Pro	Val	Ile	Tyr	His	Gly	His	Thr	Leu	Thr	Thr	Lys	Ile	Lys	Phe
				380					385					390
Ser	Asp	Val	Leu	His	Thr	Ile	Lys	Glu	His	Ala	Phe	Val	Ala	Ser
				395					400					405
Glu	Tyr	Pro	Val	Ile	Leu	Ser	Ile	Glu	Asp	His	Cys	Ser	Ile	Ala
				410					415					420
Gln	Gln	Arg	Asn	Met	Ala	Gln	Tyr	Phe	Lys	Lys	Val	Leu	Gly	Asp
				425					430					435
Thr	Leu	Leu	Thr	Lys	Pro	Val	Glu	Ile	Ser	Ala	Asp	Gly	Leu	Pro
				440					445					450
Ser	Pro	Asn	Gln	Leu	Lys	Arg	Lys	Ile	Leu	Ile	Lys	His	Lys	Lys
				455					460					465
Leu	Ala	Glu	Gly	Ser	Ala	Tyr	Glu	Glu	Val	Pro	Thr	Ser	Met	Met
				470					475					480
Tyr	Ser	Glu	Asn	Asp	Ile	Ser	Asn	Ser	Ile	Lys	Asn	Gly	Ile	Leu
				485					490					495
Tyr	Leu	Glu	Asp	Pro	Val	Asn	His	Glu	Trp	Tyr	Pro	His	Tyr	Phe
				500					505					510
Val	Leu	Thr	Ser	Ser	Lys	Ile	Tyr	Tyr	Ser	Glu	Glu	Thr	Ser	Ser
				515					520					525
Asp	Gln	Gly	Asn	Glu	Asp	Glu	Glu	Glu	Pro	Lys	Glu	Val	Ser	Ser
				530					535					540
Ser	Thr	Glu	Leu	His	Ser	Asn	Glu	Lys	Trp	Phe	His	Gly	Lys	Leu
				545					550					555
Gly	Ala	Gly	Arg	Asp	Gly	Arg	His	Ile	Ala	Glu	Arg	Leu	Leu	Thr
				560					565					570
Glu	Tyr	Cys	Ile	Glu	Thr	Gly	Ala	Pro	Asp	Gly	Ser	Phe	Leu	Val
				575					580					585
Arg	Glu	Ser	Glu	Thr	Phe	Val	Gly	Asp	Tyr	Thr	Leu	Ser	Phe	Trp
				590					595					600
Arg	Asn	Gly	Lys	Val	Gln	His	Cys	Arg	Ile	His	Ser	Arg	Gln	Asp
				605					610					615
Ala	Gly	Thr	Pro	Lys	Phe	Phe	Leu	Thr	Asp	Asn	Leu	Val	Phe	Asp
				620					625					630
Ser	Leu	Tyr	Asp	Leu	Ile	Thr	His	Tyr	Gln	Gln	Val	Pro	Leu	Arg
				635					640					645
Cys	Asn	Glu	Phe	Glu	Met	Arg	Leu	Ser	Glu	Pro	Val	Pro	Gln	Thr
				650					655					660
Asn	Ala	His	Glu	Ser	Lys	Glu	Trp	Tyr	His	Ala	Ser	Leu	Thr	Arg
				665					670					675
Ala	Gln	Ala	Glu	His	Met	Leu	Met	Arg	Val	Pro	Arg	Asp	Gly	Ala
				680					685					690
Phe	Leu	Val	Arg	Lys	Arg	Asn	Glu	Pro	Asn	Ser	Tyr	Ala	Ile	Ser
				695					700					705
Phe	Arg	Ala	Glu	Gly	Lys	Ile	Lys	His	Cys	Arg	Val	Gln	Gln	Glu
				710					715					720
Gly	Gln	Thr	Val	Met	Leu	Gly	Asn	Ser	Glu	Phe	Asp	Ser	Leu	Val
				725					730					735
Asp	Leu	Ile	Ser	Tyr	Tyr	Glu	Lys	His	Pro	Leu	Tyr	Arg	Lys	Met
				740					745					750
Lys	Leu	Arg	Tyr	Pro	Ile	Asn	Glu	Glu	Ala	Leu	Glu	Lys	Ile	Gly
				755					760					765
Thr	Ala	Glu	Pro	Asp	Tyr	Gly	Ala	Leu	Tyr	Glu	Gly	Arg	Asn	Pro
				770					775					780
Gly	Phe	Tyr	Val	Glu	Ala	Asn	Pro	Met	Pro	Thr	Phe	Lys	Cys	Ala
				785					790					795

Val	Lys	Ala	Leu	Phe	Asp	Tyr	Lys	Ala	Gln	Arg	Glu	Asp	Glu	Leu
				800					805					810
Thr	Phe	Ile	Lys	Ser	Ala	Ile	Ile	Gln	Asn	Val	Glu	Lys	Gln	Glu
				815					820					825
Gly	Gly	Trp	Trp	Arg	Gly	Asp	Tyr	Gly	Gly	Lys	Lys	Gln	Leu	Trp
				830					835					840
Phe	Pro	Ser	Asn	Tyr	Val	Glu	Glu	Met	Val	Asn	Pro	Val	Ala	Leu
				845					850					855
Glu	Pro	Glu	Arg	Glu	His	Leu	Asp	Glu	Asn	Ser	Pro	Leu	Gly	Asp
				860					865					870
Leu	Leu	Arg	Gly	Val	Leu	Asp	Val	Pro	Ala	Cys	Gln	Ile	Ala	Trp
				875					880					885
Arg	Arg	Trp	Pro	Thr	Gly	Pro	Trp	Met	Leu	Leu	Pro	Thr	His	Arg
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Arg	Ser	Cys	Arg	Thr	Gly									
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<221> misc_feature

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Ala	Pro	Ser	Asp	Ala	Glu	Val	Leu	His	Leu	Cys	Arg	Ser	Leu	Glu
				20					25					30
Val	Gly	Thr	Val	Met	Thr	Leu	Phe	Tyr	Ser	Lys	Lys	Ser	Gln	Arg
				35					40					45
Pro	Glu	Arg	Lys	Thr	Phe	Gln	Val	Lys	Leu	Glu	Thr	Arg	Gln	Ile
				50					55					60
Thr	Trp	Ser	Arg	Gly	Ala	Asp	Lys	Ile	Glu	Gly	Ala	Ile	Asp	Ile
				65					70					75
Arg	Glu	Ile	Lys	Glu	Ile	Arg	Pro	Gly	Lys	Thr	Ser	Arg	Asp	Phe
				80					85					90
Asp	Arg	Tyr	Gln	Glu	Asp	Pro	Ala	Phe	Arg	Pro	Asp	Gln	Ser	His
				95					100					105
Cys	Phe	Val	Ile	Leu	Tyr	Gly	Met	Glu	Phe	Arg	Leu	Lys	Thr	Leu
				110					115					120
Ser	Leu	Gln	Ala	Thr	Ser	Glu	Asp	Glu	Val	Asn	Met	Trp	Ile	Lys
				125					130					135
Gly	Leu	Thr	Trp	Leu	Met	Glu	Asp	Thr	Leu	Gln	Ala	Pro	Thr	Pro
				140					145					150
Leu	Gln	Ile	Glu	Arg	Trp	Leu	Arg	Lys	Gln	Phe	Tyr	Ser	Val	Asp
				155					160					165
Arg	Asn	Arg	Glu	Asp	Arg	Ile	Ser	Ala	Lys	Asp	Leu	Lys	Asn	Met
				170					175					180
Leu	Ser	Gln	Val	Asn	Tyr	Arg	Val	Pro	Asn	Met	Arg	Phe	Leu	Arg
				185					190					195
Glu	Arg	Leu	Thr	Asp	Leu	Glu	Gln	Arg	Ser	Gly	Asp	Ile	Thr	Tyr
				200					205					210
Gly	Gln	Phe	Ala	Gln	Leu	Tyr	Arg	Ser	Leu	Met	Tyr	Ser	Ala	Gln
				215					220					225
Lys	Thr	Met	Asp	Leu	Pro	Phe	Leu	Glu	Ala	Ser	Thr	Leu	Arg	Ala
				230					235					240
Gly	Glu	Arg	Pro	Glu	Leu	Cys	Arg	Val	Ser	Leu	Pro	Glu	Phe	Gln
				245					250					255
Gln	Phe	Leu	Leu	Asp	Tyr	Gln	Gly	Glu	Leu	Trp	Ala	Val	Asp	Arg
				260					265					270

Leu	Gln	Val	Gln	Glu	Phe	Met	Leu	Ser	Phe	Leu	Arg	Asp	Pro	Leu
				275					280					285
Arg	Glu	Ile	Glu	Glu	Pro	Tyr	Phe	Phe	Leu	Asp	Glu	Phe	Val	Thr
				290					295					300
Phe	Leu	Phe	Ser	Lys	Glu	Asn	Ser	Val	Trp	Asn	Ser	Gln	Leu	Asp
				305					310					315
Ala	Val	Cys	Pro	Asp	Thr	Met	Asn	Asn	Pro	Leu	Ser	His	Tyr	Trp
				320					325					330
Ile	Ser	Ser	Ser	His	Asn	Thr	Tyr	Leu	Thr	Gly	Asp	Gln	Phe	Ser
				335					340					345
Ser	Glu	Ser	Ser	Leu	Glu	Ala	Tyr	Ala	Arg	Cys	Leu	Arg	Met	Gly
				350					355					360
Cys	Arg	Cys	Ile	Glu	Leu	Asp	Cys	Trp	Asp	Gly	Pro	Asp	Gly	Met
				365					370					375
Pro	Val	Ile	Tyr	His	Gly	His	Thr	Leu	Thr	Thr	Lys	Ile	Lys	Phe
				380					385					390
Ser	Asp	Val	Leu	His	Thr	Ile	Lys	Glu	His	Ala	Phe	Val	Ala	Ser
				395					400					405
Glu	Tyr	Pro	Val	Ile	Leu	Ser	Ile	Glu	Asp	His	Cys	Ser	Ile	Ala
				410					415					420
Gln	Gln	Arg	Asn	Met	Ala	Gln	Tyr	Phe	Lys	Lys	Val	Leu	Gly	Asp
				425					430					435
Thr	Leu	Leu	Thr	Lys	Pro	Val	Glu	Ile	Ser	Ala	Asp	Gly	Leu	Pro
				440					445					450
Ser	Pro	Asn	Gln	Leu	Lys	Arg	Lys	Ile	Leu	Ile	Lys	His	Lys	Lys
				455					460					465
Leu	Ala	Glu	Gly	Ser	Ala	Tyr	Glu	Glu	Val	Pro	Thr	Ser	Met	Met
				470					475					480
Tyr	Ser	Glu	Asn	Asp	Ile	Ser	Asn	Ser	Ile	Lys	Asn	Gly	Ile	Leu
				485					490					495
Tyr	Leu	Glu	Asp	Pro	Val	Asn	His	Glu	Trp	Tyr	Pro	His	Tyr	Phe
				500					505					510
Val	Leu	Thr	Ser	Ser	Lys	Ile	Tyr	Tyr	Ser	Glu	Glu	Thr	Ser	Ser
				515					520					525
Asp	Gln	Gly	Asn	Glu	Asp	Glu	Glu	Glu	Pro	Lys	Glu	Val	Ser	Ser
				530					535					540
Ser	Thr	Glu	Leu	His	Ser	Asn	Glu	Lys	Trp	Phe	His	Gly	Lys	Leu
				545					550					555
Gly	Ala	Gly	Arg	Asp	Gly	Arg	His	Ile	Ala	Glu	Arg	Leu	Leu	Thr
				560					565					570
Glu	Tyr	Cys	Ile	Glu	Thr	Gly	Ala	Pro	Asp	Gly	Ser	Phe	Leu	Val
				575					580					585
Arg	Glu	Ser	Glu	Thr	Phe	Val	Gly	Asp	Tyr	Thr	Leu	Ser	Phe	Trp
				590					595					600
Arg	Asn	Gly	Lys	Val	Gln	His	Cys	Arg	Ile	His	Ser	Arg	Gln	Asp
				605					610					615
Ala	Gly	Thr	Pro	Lys	Phe	Phe	Leu	Thr	Asp	Asn	Leu	Val	Phe	Asp
				620					625					630
Ser	Leu	Tyr	Asp	Leu	Ile	Thr	His	Tyr	Gln	Gln	Val	Pro	Leu	Arg
				635					640					645
Cys	Asn	Glu	Phe	Glu	Met	Arg	Leu	Ser	Glu	Pro	Val	Pro	Gln	Thr
				650					655					660
Asn	Ala	His	Glu	Ser	Lys	Glu	Trp	Tyr	His	Ala	Ser	Leu	Thr	Arg
				665					670					675
Ala	Gln	Ala	Glu	His	Met	Leu	Met	Arg	Val	Pro	Arg	Asp	Gly	Ala
				680					685					690
Phe	Leu	Val	Arg	Lys	Arg	Asn	Glu	Pro	Asn	Ser	Tyr	Ala	Ile	Ser
				695					700					705
Phe	Arg	Ala	Glu	Gly	Lys	Ile	Lys	His	Cys	Arg	Val	Gln	Gln	Glu
				710					715					720
Gly	Gln	Thr	Val	Met	Leu	Gly	Asn	Ser	Glu	Phe	Asp	Ser	Leu	Val
				725					730					735
Asp	Leu	Ile	Ser	Tyr	Tyr	Glu	Lys	His	Pro	Leu	Tyr	Arg	Lys	Met

	740		745		750
Lys Leu Arg Tyr	Pro Ile Asn Glu Glu	Ala Leu Glu Lys Ile	Gly		
	755		760		765
Thr Ala Glu Pro	Asp Tyr Gly Ala Leu	Tyr Glu Gly Arg Asn	Pro		
	770		775		780
Gly Phe Tyr Val	Glu Ala Asn Pro Met	Pro Thr Phe Lys Cys	Ala		
	785		790		795
Val Lys Ala Leu	Phe Asp Tyr Lys Ala	Gln Arg Glu Asp Glu	Leu		
	800		805		810
Thr Phe Ile Lys	Ser Ala Ile Ile Gln	Asn Val Glu Lys Gln	Glu		
	815		820		825
Gly Gly Trp Trp	Arg Gly Asp Tyr Gly	Gly Lys Lys Gln Leu	Trp		
	830		835		840
Phe Pro Ser Asn	Tyr Val Glu Glu Met	Val Asn Pro Val Ala	Leu		
	845		850		855
Glu Pro Glu Arg	Glu His Leu Asp Glu	Asn Ser Pro Leu Gly	Asp		
	860		865		870
Leu Leu Arg Gly	Val Leu Asp Val Pro	Ala Cys Gln Ile Ala	Ile		
	875		880		885
Arg Pro Glu Gly	Lys Asn Asn Arg Leu	Phe Val Phe Ser Ile	Ser		
	890		895		900
Met Ala Ser Val	Ala His Trp Ser Leu	Asp Val Ala Ala Asp	Ser		
	905		910		915
Gln Glu Glu Leu	Gln Asp Trp Val Lys	Lys Ile Arg Glu Val	Ala		
	920		925		930
Gln Thr Ala Asp	Ala Arg Leu Thr Glu	Gly Lys Ile Met Glu	Arg		
	935		940		945
Arg Lys Lys Ile	Ala Leu Glu Leu Ser	Glu Leu Val Val Tyr	Cys		
	950		955		960
Arg Pro Val Pro	Phe Asp Glu Glu Lys	Ile Gly Thr Glu Arg	Ala		
	965		970		975
Cys Tyr Arg Asp	Met Ser Ser Phe Pro	Glu Thr Lys Ala Glu	Lys		
	980		985		990
Tyr Val Asn Lys	Ala Lys Gly Lys Lys	Phe Leu Gln Tyr Asn	Arg		
	995		1000		1005
Leu Gln Leu Ser	Arg Ile Tyr Pro Lys	Gly Gln Arg Leu Asp	Ser		
	1010		1015		1020
Ser Asn Tyr Asp	Pro Leu Pro Met Trp	Ile Cys Gly Ser Gln	Leu		
	1025		1030		1035
Val Ala Leu Asn	Phe Gln Thr Pro Asp	Lys Pro Met Gln Met	Asn		
	1040		1045		1050
Gln Ala Leu Phe	Met Thr Gly Arg His	Cys Gly Tyr Val Leu	Gln		
	1055		1060		1065
Pro Ser Thr Met	Arg Asp Glu Ala Phe	Asp Pro Phe Asp Lys	Ser		
	1070		1075		1080
Ser Leu Arg Gly	Leu Glu Pro Cys Ala	Ile Ser Ile Glu Val	Leu		
	1085		1090		1095
Gly Ala Arg His	Leu Pro Lys Asn Gly	Arg Gly Ile Val Cys	Pro		
	1100		1105		1110
Phe Val Glu Ile	Glu Val Ala Gly Ala	Glu Tyr Asp Ser Thr	Lys		
	1115		1120		1125
Gln Lys Thr Glu	Phe Val Val Asp Asn	Gly Leu Asn Pro Val	Trp		
	1130		1135		1140
Pro Ala Lys Pro	Phe His Phe Gln Ile	Ser Asn Pro Glu Phe	Ala		
	1145		1150		1155
Phe Leu Arg Phe	Val Val Tyr Glu Glu	Asp Met Phe Ser Asp	Gln		
	1160		1165		1170
Asn Phe Leu Ala	Gln Ala Thr Phe Pro	Val Lys Gly Leu Lys	Thr		
	1175		1180		1185
Gly Tyr Arg Ala	Val Pro Leu Lys Asn	Asn Tyr Ser Glu Asp	Leu		
	1190		1195		1200
Glu Leu Ala Ser	Leu Leu Ile Lys Ile	Asp Ile Phe Pro Ala	Lys		
	1205		1210		1215

Gly Pro Lys Lys Asp Ser Gly Gln Trp Arg Gln Pro Pro Leu Val
 1220 1225 1230
 Val Pro Gln Pro Arg Trp Arg Ala Ala Gly Ala Val Arg Leu Val
 1235 1240 1245
 Glu Cys Arg Glu Leu Gly Ser Leu Glu Ala Ala Pro Cys Gly Gly
 1250 1255 1260
 Leu Pro Gly Leu Ala Ala
 1265

<210> 6
 <211> 433
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7523653CD1

<400> 6
 Met Leu Ala Ala Thr Val Leu Thr Leu Ala Leu Leu Gly Asn Ala
 1 5 10 15
 His Ala Cys Ser Lys Gly Thr Ser His Glu Ala Gly Ile Val Cys
 20 25 30
 Arg Ile Thr Lys Pro Ala Leu Leu Val Leu Asn His Glu Thr Ala
 35 40 45
 Lys Val Ile Gln Thr Ala Phe Gln Arg Ala Ser Tyr Pro Asp Ile
 50 55 60
 Thr Gly Glu Lys Ala Met Met Leu Leu Gly Gln Val Lys Tyr Gly
 65 70 75
 Leu His Asn Ile Gln Ile Ser His Leu Ser Ile Ala Ser Ser Gln
 80 85 90
 Val Glu Leu Val Glu Ala Lys Ser Ile Asp Val Ser Ile Gln Asn
 95 100 105
 Val Ser Val Val Phe Lys Gly Thr Leu Lys Tyr Gly Tyr Thr Thr
 110 115 120
 Ala Trp Trp Leu Gly Ile His Gln Ser Ile Asp Phe Glu Ile Asp
 125 130 135
 Ser Ala Ile Asp Leu Gln Ile Asn Thr Gln Leu Thr Cys Asp Ser
 140 145 150
 Gly Arg Val Arg Thr Asp Ala Pro Asp Cys Tyr Leu Ser Phe His
 155 160 165
 Lys Leu Leu Leu His Leu Gln Gly Glu Arg Glu Pro Gly Trp Ile
 170 175 180
 Lys Gln Leu Phe Thr Asn Phe Ile Ser Phe Thr Leu Lys Leu Val
 185 190 195
 Leu Lys Gly Gln Ile Cys Lys Glu Ile Asn Val Ile Ser Asn Ile
 200 205 210
 Met Ala Asp Phe Val Gln Thr Arg Ala Ala Ser Ile Leu Ser Asp
 215 220 225
 Gly Asp Ile Gly Val Asp Ile Ser Leu Thr Gly Asn Pro Val Ile
 230 235 240
 Thr Ala Ser Tyr Leu Glu Ser His His Lys Ala Val Leu Gln Thr
 245 250 255
 Trp Gly Phe Asn Thr Asn Gln Glu Ile Phe Gln Glu Val Val Gly
 260 265 270
 Gly Phe Pro Ser Gln Ala Gln Val Thr Val His Cys Leu Lys Met
 275 280 285
 Pro Lys Ile Ser Cys Gln Asn Lys Gly Val Val Val Asn Ser Ser
 290 295 300
 Val Met Val Lys Phe Leu Phe Pro Arg Pro Asp Gln Gln His Ser
 305 310 315
 Val Ala Tyr Thr Phe Glu Glu Asp Ile Val Thr Thr Val Gln Ala
 320 325 330

Ser	Tyr	Ser	Lys	Lys	Leu	Phe	Leu	Ser	Leu	Leu	Asp	Phe	Gln
			335					340					345
Ile	Thr	Pro	Lys	Thr	Val	Ser	Asn	Leu	Thr	Glu	Ser	Ser	Glu
			350					355					360
Ser	Ile	Gln	Ser	Phe	Leu	Gln	Ser	Met	Ile	Thr	Ala	Val	Gly
			365					370					375
Pro	Glu	Val	Met	Ser	Arg	Leu	Glu	Val	Val	Phe	Thr	Ala	Leu
			380					385					390
Asn	Ser	Lys	Gly	Val	Ser	Leu	Phe	Asp	Ile	Ile	Asn	Pro	Glu
			395					400					405
Ile	Thr	Arg	Asp	Gly	Phe	Leu	Leu	Leu	Gln	Met	Asp	Phe	Gly
			410					415					420
Pro	Glu	His	Leu	Leu	Val	Asp	Phe	Leu	Gln	Ser	Leu	Ser	
			425					430					

<210> 7

<211> 1076

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7751418CD1

<400> 7

Met	Glu	Pro	Arg	Ser	Cys	Pro	Pro	Trp	Asp	Ala	Cys	Pro	Ala	Thr
1				5					10					15
Leu	Gly	Val	Trp	Gln	Gly	Arg	Pro	Arg	Gly	Ala	Cys	Ser	His	Asn
				20					25					30
Gln	Gln	Thr	Thr	Ala	Phe	Arg	His	Pro	Val	Thr	Gly	Gln	Phe	Ser
				35					40					45
Pro	Glu	Asn	Ser	Glu	Phe	Ile	Leu	Gln	Glu	Glu	Pro	Asn	Pro	His
				50					55					60
Met	Ser	Lys	Gln	Asp	Arg	Asn	Gln	Arg	Pro	Ser	Ser	Met	Val	Ser
				65					70					75
Glu	Thr	Ser	Thr	Ala	Gly	Thr	Ala	Ser	Thr	Leu	Glu	Ala	Lys	Pro
				80					85					90
Gly	Pro	Lys	Ile	Ile	Lys	Ser	Ser	Ser	Lys	Val	His	Ser	Phe	Gly
				95					100					105
Lys	Arg	Asp	Gln	Ala	Ile	Arg	Arg	Asn	Pro	Asn	Val	Pro	Val	Val
				110					115					120
Val	Arg	Gly	Trp	Leu	His	Lys	Gln	Asp	Ser	Ser	Gly	Met	Arg	Leu
				125					130					135
Trp	Lys	Arg	Arg	Trp	Phe	Val	Leu	Ala	Asp	Tyr	Cys	Leu	Phe	Tyr
				140					145					150
Tyr	Lys	Asp	Ser	Arg	Glu	Glu	Ala	Val	Leu	Gly	Ser	Ile	Pro	Leu
				155					160					165
Pro	Ser	Tyr	Val	Ile	Ser	Pro	Val	Ala	Pro	Glu	Asp	Arg	Ile	Ser
				170					175					180
Arg	Lys	Tyr	Ser	Phe	Lys	Ala	Val	His	Thr	Gly	Met	Arg	Ala	Leu
				185					190					195
Ile	Tyr	Asn	Ser	Ser	Thr	Ala	Gly	Ser	Gln	Ala	Glu	Gln	Ser	Gly
				200					205					210
Met	Arg	Thr	Tyr	Tyr	Phe	Ser	Ala	Asp	Thr	Gln	Glu	Asp	Met	Asn
				215					220					225
Ala	Trp	Val	Arg	Ala	Met	Asn	Gln	Ala	Ala	Gln	Val	Leu	Ser	Arg
				230					235					240
Ser	Ser	Leu	Lys	Arg	Asp	Met	Glu	Lys	Val	Glu	Arg	Gln	Ala	Val
				245					250					255
Pro	Gln	Ala	Asn	His	Thr	Glu	Ser	Cys	His	Glu	Cys	Gly	Arg	Val
				260					265					270
Gly	Pro	Gly	His	Thr	Arg	Asp	Cys	Pro	His	Arg	Gly	His	Asp	Asp
				275					280					285

Ile	Val	Asn	Phe	Glu	Arg	Gln	Glu	Gln	Glu	Gly	Glu	Gln	Tyr	Arg
				290					295					300
Ser	Gln	Arg	Asp	Pro	Leu	Glu	Gly	Lys	Arg	Asp	Arg	Ser	Lys	Ala
				305					310					315
Arg	Ser	Pro	Tyr	Ser	Pro	Ala	Glu	Glu	Asp	Ala	Leu	Phe	Met	Asp
				320					325					330
Leu	Pro	Thr	Gly	Pro	Arg	Gly	Gln	Gln	Ala	Gln	Pro	Gln	Arg	Ala
				335					340					345
Glu	Lys	Asn	Gly	Met	Leu	Pro	Ala	Ser	Tyr	Gly	Pro	Gly	Glu	Gln
				350					355					360
Asn	Gly	Thr	Gly	Gly	Tyr	Gln	Arg	Ala	Phe	Pro	Pro	Arg	Thr	Asn
				365					370					375
Pro	Glu	Lys	His	Ser	Gln	Arg	Lys	Ser	Asn	Leu	Ala	Gln	Val	Glu
				380					385					390
His	Trp	Ala	Arg	Ala	Gln	Lys	Gly	Asp	Ser	Arg	Ser	Leu	Pro	Leu
				395					400					405
Asp	Gln	Thr	Leu	Pro	Arg	Gln	Gly	Pro	Gly	Gln	Ser	Leu	Ser	Phe
				410					415					420
Pro	Glu	Asn	Tyr	Gln	Thr	Leu	Pro	Lys	Ser	Thr	Arg	His	Pro	Ser
				425					430					435
Gly	Gly	Ser	Ser	Pro	Pro	Pro	Arg	Asn	Leu	Pro	Ser	Asp	Tyr	Lys
				440					445					450
Tyr	Ala	Gln	Asp	Arg	Ala	Ser	His	Leu	Lys	Met	Ser	Ser	Glu	Glu
				455					460					465
Arg	Arg	Ala	His	Arg	Asp	Gly	Thr	Val	Trp	Gln	Leu	Tyr	Glu	Trp
				470					475					480
Gln	Gln	Arg	Gln	Gln	Phe	Arg	His	Gly	Ser	Pro	Thr	Ala	Pro	Ile
				485					490					495
Cys	Leu	Gly	Ser	Pro	Glu	Phe	Thr	Asp	Gln	Gly	Arg	Ser	Arg	Ser
				500					505					510
Met	Leu	Glu	Val	Pro	Arg	Ser	Ile	Ser	Val	Pro	Pro	Ser	Pro	Ser
				515					520					525
Asp	Ile	Pro	Pro	Pro	Gly	Pro	Pro	Arg	Val	Phe	Pro	Pro	Arg	Arg
				530					535					540
Pro	His	Thr	Pro	Ala	Glu	Arg	Val	Thr	Val	Lys	Pro	Pro	Asp	Gln
				545					550					555
Arg	Arg	Ser	Val	Asp	Ile	Ser	Leu	Gly	Asp	Ser	Pro	Arg	Arg	Ala
				560					565					570
Arg	Gly	His	Ala	Val	Lys	Asn	Ser	Ser	His	Val	Asp	Arg	Arg	Ser
				575					580					585
Met	Pro	Ser	Met	Gly	Tyr	Met	Thr	His	Thr	Val	Ser	Ala	Pro	Ser
				590					595					600
Leu	His	Gly	Lys	Ser	Ala	Asp	Asp	Thr	Tyr	Leu	Gln	Leu	Lys	Lys
				605					610					615
Asp	Leu	Glu	Tyr	Leu	Asp	Leu	Lys	Met	Thr	Gly	Arg	Asp	Leu	Leu
				620					625					630
Lys	Asp	Arg	Ser	Leu	Lys	Pro	Val	Lys	Ile	Ala	Glu	Ser	Asp	Thr
				635					640					645
Asp	Val	Lys	Leu	Ser	Ile	Phe	Cys	Glu	Gln	Asp	Arg	Val	Leu	Gln
				650					655					660
Asp	Leu	Glu	Asp	Lys	Ile	Arg	Ala	Leu	Lys	Glu	Asn	Lys	Asp	Gln
				665					670					675
Leu	Glu	Ser	Val	Leu	Glu	Val	Leu	His	Arg	Gln	Met	Glu	Gln	Tyr
				680					685					690
Arg	Asp	Gln	Pro	Gln	His	Leu	Glu	Lys	Ile	Ala	Tyr	Gln	Gln	Lys
				695					700					705
Leu	Leu	Gln	Glu	Asp	Leu	Val	His	Ile	Arg	Ala	Glu	Leu	Ser	Arg
				710					715					720
Glu	Ser	Thr	Glu	Met	Glu	Asn	Ala	Trp	Asn	Glu	Tyr	Leu	Lys	Leu
				725					730					735
Glu	Asn	Asp	Val	Glu	Gln	Leu	Lys	Gln	Thr	Leu	Gln	Glu	Gln	His
				740					745					750
Arg	Arg	Ala	Phe	Phe	Phe	Gln	Glu	Lys	Ser	Gln	Ile	Gln	Lys	Asp

	755		760		765
Leu Trp Arg Ile	Glu Asp Val Thr Ala	Gly Leu Ser Ala Asn	Lys		
	770		775		780
Glu Asn Phe Arg	Ile Leu Val Glu Ser	Val Lys Asn Pro Glu	Arg		
	785		790		795
Lys Thr Val Pro	Leu Phe Pro His Pro	Pro Val Pro Ser Leu	Ser		
	800		805		810
Thr Ser Glu Ser	Lys Pro Pro Pro Gln	Pro Ser Pro Pro Thr	Ser		
	815		820		825
Pro Val Arg Thr	Pro Leu Glu Val Arg	Leu Phe Pro Gln Leu	Gln		
	830		835		840
Thr Tyr Val Pro	Tyr Arg Pro His Pro	Pro Gln Leu Arg Lys	Val		
	845		850		855
Thr Ser Pro Leu	Gln Ser Pro Thr Lys	Ala Lys Pro Lys Val	Gln		
	860		865		870
Glu Asp Glu Ala	Pro Pro Arg Pro Pro	Leu Pro Glu Leu Tyr	Ser		
	875		880		885
Pro Glu Asp Gln	Pro Pro Ala Val Pro	Pro Leu Pro Arg Glu	Ala		
	890		895		900
Thr Ile Ile Arg	His Thr Ser Val Arg	Gly Leu Lys Arg Gln	Ser		
	905		910		915
Asp Glu Arg Lys	Arg Asp Arg Glu Leu	Gly Gln Cys Val Asn	Gly		
	920		925		930
Asp Ser Arg Val	Glu Leu Arg Ser Tyr	Val Ser Glu Pro Glu	Leu		
	935		940		945
Ala Thr Leu Ser	Gly Asp Met Ala Gln	Pro Ser Leu Gly Leu	Val		
	950		955		960
Gly Pro Glu Ser	Arg Tyr Gln Thr Leu	Pro Gly Arg Gly Leu	Ser		
	965		970		975
Gly Ser Thr Ser	Arg Leu Gln Gln Ser	Ser Thr Ile Ala Pro	Tyr		
	980		985		990
Val Thr Leu Arg	Arg Gly Leu Asn Ala	Glu Ser Ser Lys Ala	Thr		
	995		1000		1005
Phe Pro Arg Pro	Lys Ser Ala Leu Glu	Arg Leu Tyr Ser Gly	Asp		
	1010		1015		1020
His Gln Arg Gly	Lys Met Ser Ala Glu	Glu Gln Leu Glu Arg	Met		
	1025		1030		1035
Lys Arg His Gln	Lys Ala Leu Val Arg	Glu Arg Lys Arg Thr	Leu		
	1040		1045		1050
Gly Gln Gly Glu	Arg Thr Gly Leu Pro	Ser Ser Arg Tyr Leu	Ser		
	1055		1060		1065
Arg Pro Leu Pro	Gly Asp Leu Gly Ser	Val Cys			
	1070		1075		

<210> 8

<211> 98

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7523952CD1

<400> 8

Met Ala Leu Phe Gly	Ala Leu Phe Leu Ala	Leu Leu Ala Gly Ala	
1	5	10	15
His Ala Glu Phe Pro	Gly Cys Lys Ile Arg	Val Thr Ser Lys Ala	
	20	25	30
Leu Glu Leu Val Lys	Gln Glu Gly Leu Arg	Phe Leu Glu Gln Glu	
	35	40	45
Leu Glu Thr Ile Thr	Ile Pro Asp Leu Arg	Arg Lys Glu Gly His	
	50	55	60
Phe Tyr Tyr Asn Ile	Ser Glu Pro Gly Leu	Glu Arg Gly Ala Asp	

	65		70		75
Lys Phe Pro Val	Val Gly Gly Ser Ser	Leu Phe Leu Ala Leu	Asp		
	80		85		90
Leu Thr Leu Arg Pro	Pro Val Gly				
	95				

<210> 9
 <211> 619
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7513020CD1

<400> 9

Met Glu Ser Ser Ser Ser Ser Asn Ser Tyr Phe Ser Val Gly Pro	
1 5 10 15	
Thr Ser Pro Ser Ala Val Val Leu Leu Tyr Ser Leu Ser Lys Glu	
20 25 30	
Ser Leu Gln Ser Val Asp Val Leu Arg Glu Glu Val Ser Glu Ile	
35 40 45	
Leu Asp Glu Met Ser His Lys Leu Arg Leu Gly Ala Ile Arg Phe	
50 55 60	
Cys Ala Phe Thr Leu Ser Lys Val Phe Lys Gln Ile Phe Ser Lys	
65 70 75	
Val Cys Val Asn Glu Glu Gly Ile Gln Lys Leu Gln Arg Ala Ile	
80 85 90	
Gln Glu His Pro Val Val Leu Leu Pro Ser His Arg Ser Tyr Ile	
95 100 105	
Asp Phe Leu Met Leu Ser Phe Leu Leu Tyr Asn Tyr Asp Leu Pro	
110 115 120	
Val Pro Val Ile Ala Ala Gly Met Asp Phe Leu Gly Met Lys Met	
125 130 135	
Val Gly Glu Leu Leu Arg Met Ser Gly Ala Phe Phe Met Arg Arg	
140 145 150	
Thr Phe Gly Gly Asn Lys Leu Tyr Trp Ala Val Phe Ser Glu Tyr	
155 160 165	
Val Lys Thr Met Leu Arg Asn Gly Tyr Ala Pro Val Glu Phe Phe	
170 175 180	
Leu Glu Gly Thr Arg Ser Arg Ser Ala Lys Thr Leu Thr Pro Lys	
185 190 195	
Phe Gly Leu Leu Asn Ile Val Met Glu Pro Phe Phe Lys Arg Glu	
200 205 210	
Val Phe Asp Thr Tyr Leu Val Pro Ile Ser Ile Ser Tyr Asp Lys	
215 220 225	
Ile Leu Glu Glu Thr Leu Tyr Val Tyr Glu Leu Leu Gly Val Pro	
230 235 240	
Lys Pro Lys Glu Ser Thr Thr Gly Leu Leu Lys Ala Arg Lys Ile	
245 250 255	
Leu Ser Glu Asn Phe Gly Ser Ile His Val Tyr Phe Gly Asp Pro	
260 265 270	
Val Ser Leu Arg Ser Leu Ala Ala Gly Arg Met Ser Arg Ser Ser	
275 280 285	
Tyr Asn Leu Val Pro Arg Tyr Ile Pro Gln Lys Gln Ser Glu Asp	
290 295 300	
Met His Ala Phe Val Thr Glu Val Ala Tyr Lys Met Glu Leu Leu	
305 310 315	
Gln Ile Glu Asn Met Val Leu Ser Pro Trp Thr Leu Ile Val Ala	
320 325 330	
Val Leu Leu Gln Asn Arg Pro Ser Met Asp Phe Asp Ala Leu Val	
335 340 345	
Glu Lys Thr Leu Trp Leu Lys Gly Leu Thr Gln Ala Phe Gly Gly	

	350		355		360
Phe Leu Ile Trp	Pro Asp Asn Lys	Pro Ala Glu Glu Val Val	Pro		
	365		370		375
Ala Ser Ile Leu	Leu His Ser Asn Ile	Ala Ser Leu Val Lys	Asp		
	380		385		390
Gln Val Ile Leu	Lys Val Asp Ser Gly	Asp Ser Glu Val Val	Asp		
	395		400		405
Gly Leu Met Leu	Gln His Ile Thr Leu	Leu Met Cys Ser Ala	Tyr		
	410		415		420
Arg Asn Gln Leu	Leu Asn Ile Phe Val	Arg Pro Ser Leu Val	Ala		
	425		430		435
Val Ala Leu Gln	Met Thr Pro Gly Phe	Arg Lys Glu Asp Val	Tyr		
	440		445		450
Ser Cys Phe Arg	Phe Leu Arg Asp Val	Phe Ala Asp Glu Phe	Ile		
	455		460		465
Phe Leu Pro Gly	Asn Thr Leu Lys Asp	Phe Glu Glu Gly Cys	Tyr		
	470		475		480
Leu Leu Cys Lys	Ser Glu Ala Ile Gln	Val Thr Thr Lys Asp	Ile		
	485		490		495
Leu Val Thr Glu	Lys Gly Asn Thr Val	Leu Glu Phe Leu Val	Gly		
	500		505		510
Leu Phe Lys Pro	Phe Val Glu Ser Tyr	Gln Ile Ile Cys Lys	Tyr		
	515		520		525
Leu Leu Ser Glu	Glu Glu Asp His Phe	Ser Glu Glu Gln Tyr	Leu		
	530		535		540
Ala Ala Val Arg	Lys Phe Thr Ser Gln	Leu Leu Asp Gln Gly	Thr		
	545		550		555
Ser Gln Cys Tyr	Asp Val Leu Ser Ser	Asp Val Gln Lys Asn	Ala		
	560		565		570
Leu Ala Ala Cys	Val Arg Leu Gly Val	Val Glu Lys Lys Lys	Ile		
	575		580		585
Asn Asn Asn Cys	Ile Phe Asn Val Asn	Glu Pro Ala Thr Thr	Lys		
	590		595		600
Leu Glu Glu Met	Leu Gly Cys Lys Thr	Pro Ile Gly Lys Pro	Ala		
	605		610		615
Thr Ala Lys Leu					

<210> 10
 <211> 1433
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7513162CD1

<400> 10
 Met Gly Leu Arg Pro Gly Ile Phe Leu Leu Glu Leu Leu Leu Leu
 1 5 10 15
 Leu Gly Gln Gly Thr Pro Gln Ile His Thr Ser Pro Arg Lys Ser
 20 25 30
 Thr Leu Glu Gly Gln Leu Trp Pro Glu Thr Leu Lys Asn Ser Pro
 35 40 45
 Phe Pro Cys Asn Pro Asn Lys Leu Gly Val Asn Met Pro Ser Lys
 50 55 60
 Ser Val His Ser Leu Lys Pro Ser Asp Ile Lys Phe Val Ala Ala
 65 70 75
 Ile Gly Asn Leu Glu Ile Pro Pro Asp Pro Gly Thr Gly Asp Leu
 80 85 90
 Glu Lys Gln Asp Trp Thr Glu Arg Pro Gln Gln Val Cys Met Gly
 95 100 105
 Val Met Thr Val Leu Ser Asp Ile Ile Arg Tyr Phe Ser Pro Ser

Val Pro Met Pro	110	Val Cys His Thr Gly	115	Lys Arg Val Ile Pro	120
Asp Gly Ala Glu	125	Asp Leu Trp Ile Gln	130	Ala Gln Glu Leu Val	135
Asn Met Lys Glu	140	Asn Leu Gln Leu Asp	145	Phe Gln Phe Asp Trp	150
Leu Ile Asn Val	155	Phe Phe Ser Asn Ala	160	Ser Gln Cys Tyr Leu	165
Pro Ser Ala Gln	170	Gln Asn Gly Leu Ala	175	Ala Gly Gly Val Asp	180
Leu Met Gly Val	185	Leu Asp Tyr Leu Gln	190	Gln Glu Val Pro Arg	195
Phe Val Asn Leu	200	Val Asp Leu Ser Glu	205	Val Ala Glu Val Ser	210
Gln Tyr His Gly	215	Thr Trp Leu Ser Pro	220	Ala Pro Glu Pro Cys	225
Cys Ser Glu Glu	230	Thr Thr Arg Leu Ala	235	Lys Val Val Met Gln	240
Ser Tyr Gln Glu	245	Ala Trp Asn Ser Leu	250	Leu Ala Ser Ser Arg	255
Ser Glu Gln Glu	260	Ser Phe Thr Val Val	265	Phe Gln Pro Phe Phe	270
Glu Thr Thr Pro	275	Ser Leu His Ser Glu	280	Asp Pro Arg Leu Gln	285
Ser Thr Thr Leu	290	Ala Trp His Leu Trp	295	Asn Arg Met Met Glu	300
Ala Gly Glu Lys	305	Asp Glu Pro Leu Ser	310	Val Lys His Gly Arg	315
Met Lys Cys Pro	320	Ser Gln Glu Ser Pro	325	Tyr Leu Phe Ser Tyr	330
Asn Ser Asn Tyr	335	Leu Thr Arg Leu Gln	340	Lys Pro Gln Asp Lys	345
Glu Val Arg Glu	350	Gly Ala Glu Ile Arg	355	Cys Pro Asp Lys Asp	360
Ser Asp Thr Val	365	Pro Thr Ser Val His	370	Arg Leu Lys Pro Ala	375
Ile Asn Val Ile	380	Gly Ala Leu Gly Asp	385	Ser Leu Thr Ala Gly	390
Gly Ala Gly Ser	395	Thr Pro Gly Asn Val	400	Leu Asp Val Leu Thr	405
Tyr Arg Gly Leu	410	Ser Trp Ser Val Gly	415	Gly Asp Glu Asn Ile	420
Thr Val Thr Thr	425	Leu Ala Asn Ile Leu	430	Arg Glu Phe Asn Pro	435
Leu Lys Gly Phe	440	Ser Val Gly Thr Gly	445	Lys Glu Thr Ser Pro	450
Ala Phe Leu Asn	455	Gln Ala Val Ala Gly	460	Gly Arg Ala Glu Asp	465
Pro Val Gln Ala	470	Arg Arg Leu Val Asp	475	Leu Met Lys Asn Asp	480
Arg Ile His Phe	485	Gln Glu Asp Trp Lys	490	Ile Ile Thr Leu Phe	495
Gly Gly Asn Asp	500	Leu Cys Asp Phe Cys	505	Asn Asp Leu Val His	510
Ser Pro Gln Asn	515	Phe Thr Asp Asn Ile	520	Gly Lys Ala Leu Asp	525
Leu His Ala Glu	530	Val Pro Arg Ala Phe	535	Val Asn Leu Val Thr	540
Leu Glu Ile Val	545	Asn Leu Arg Glu Leu	550	Tyr Gln Glu Lys Lys	555
Tyr Cys Pro Arg	560	Met Ile Leu Arg Ser	565	Leu Cys Pro Cys Val	570
	575		580		585

Lys	Phe	Asp	Asp	Asn	Ser	Thr	Glu	Leu	Ala	Thr	Leu	Ile	Glu	Phe
				590					595					600
Asn	Lys	Lys	Phe	Gln	Glu	Lys	Thr	His	Gln	Leu	Ile	Glu	Ser	Gly
				605					610					615
Arg	Tyr	Asp	Thr	Arg	Glu	Asp	Phe	Thr	Val	Val	Val	Gln	Pro	Phe
				620					625					630
Phe	Glu	Asn	Val	Asp	Met	Pro	Lys	Thr	Ser	Glu	Gly	Leu	Pro	Asp
				635					640					645
Asn	Ser	Phe	Phe	Ala	Pro	Asp	Cys	Phe	His	Phe	Ser	Ser	Lys	Ser
				650					655					660
His	Ser	Arg	Ala	Ala	Ser	Ala	Leu	Trp	Asn	Asn	Met	Leu	Glu	Pro
				665					670					675
Val	Gly	Gln	Lys	Thr	Thr	Arg	His	Lys	Phe	Glu	Asn	Lys	Ile	Asn
				680					685					690
Ile	Thr	Cys	Pro	Asn	Gln	Val	Gln	Pro	Phe	Leu	Arg	Thr	Tyr	Lys
				695					700					705
Asn	Ser	Met	Gln	Gly	His	Gly	Thr	Trp	Leu	Pro	Cys	Arg	Asp	Arg
				710					715					720
Ala	Pro	Ser	Ala	Leu	His	Pro	Thr	Ser	Val	His	Ala	Leu	Arg	Pro
				725					730					735
Ala	Asp	Ile	Gln	Val	Val	Ala	Ala	Leu	Gly	Asp	Ser	Leu	Thr	Ala
				740					745					750
Gly	Asn	Gly	Ile	Gly	Ser	Lys	Pro	Asp	Asp	Leu	Pro	Asp	Val	Thr
				755					760					765
Thr	Gln	Tyr	Arg	Gly	Leu	Ser	Tyr	Ser	Ala	Gly	Gly	Asp	Gly	Ser
				770					775					780
Leu	Glu	Asn	Val	Thr	Thr	Leu	Pro	Asn	Ile	Leu	Arg	Glu	Phe	Asn
				785					790					795
Arg	Asn	Leu	Thr	Gly	Tyr	Ala	Val	Gly	Thr	Gly	Asp	Ala	Asn	Asp
				800					805					810
Thr	Asn	Ala	Phe	Leu	Asn	Gln	Ala	Val	Pro	Gly	Ala	Lys	Ala	Glu
				815					820					825
Asp	Leu	Met	Ser	Gln	Val	Gln	Thr	Leu	Met	Gln	Lys	Met	Lys	Asp
				830					835					840
Asp	His	Arg	Val	Asn	Phe	His	Glu	Asp	Trp	Lys	Val	Ile	Thr	Val
				845					850					855
Leu	Ile	Gly	Gly	Ser	Asp	Leu	Cys	Asp	Tyr	Cys	Thr	Asp	Ser	Asn
				860					865					870
Leu	Tyr	Ser	Ala	Ala	Asn	Phe	Val	Asp	His	Leu	Arg	Asn	Ala	Leu
				875					880					885
Asp	Val	Leu	His	Arg	Glu	Val	Pro	Arg	Val	Leu	Val	Asn	Leu	Val
				890					895					900
Asp	Phe	Leu	Asn	Pro	Thr	Ile	Met	Arg	Gln	Val	Phe	Leu	Gly	Asn
				905					910					915
Pro	Asp	Lys	Cys	Pro	Val	Gln	Gln	Ala	Ser	Val	Leu	Cys	Asn	Cys
				920					925					930
Val	Leu	Thr	Leu	Arg	Glu	Asn	Ser	Gln	Glu	Leu	Ala	Arg	Leu	Glu
				935					940					945
Ala	Phe	Ser	Arg	Ala	Tyr	Arg	Ser	Ser	Met	Arg	Glu	Leu	Val	Gly
				950					955					960
Ser	Gly	Arg	Tyr	Asp	Thr	Gln	Glu	Asp	Phe	Ser	Val	Val	Leu	Gln
				965					970					975
Pro	Phe	Phe	Gln	Asn	Ile	Gln	Leu	Pro	Val	Leu	Ala	Asp	Gly	Leu
				980					985					990
Pro	Asp	Thr	Ser	Phe	Phe	Ala	Pro	Asp	Cys	Ile	His	Pro	Asn	Gln
				995					1000					1005
Lys	Phe	His	Ser	Gln	Leu	Ala	Arg	Ala	Leu	Trp	Thr	Asn	Met	Leu
				1010					1015					1020
Glu	Pro	Leu	Gly	Ser	Lys	Thr	Glu	Thr	Leu	Asp	Leu	Arg	Ala	Glu
				1025					1030					1035
Met	Pro	Ile	Thr	Cys	Pro	Thr	Gln	Asn	Glu	Pro	Phe	Leu	Arg	Thr
				1040					1045					1050
Pro	Arg	Asn	Ser	Asn	Tyr	Thr	Tyr	Pro	Ile	Lys	Pro	Ala	Ile	Glu

1055	1060	1065
Asn Trp Gly Ser Asp Phe Leu Cys Thr Glu Trp Lys Ala Ser Asn		
1070	1075	1080
Ser Val Pro Thr Ser Val His Gln Leu Arg Pro Ala Asp Ile Lys		
1085	1090	1095
Val Val Ala Ala Leu Gly Asp Ser Leu Thr Thr Ala Val Gly Ala		
1100	1105	1110
Arg Pro Asn Asn Ser Ser Asp Leu Pro Thr Ser Trp Arg Gly Leu		
1115	1120	1125
Ser Trp Ser Ile Gly Gly Asp Gly Asn Leu Glu Thr His Thr Thr		
1130	1135	1140
Leu Pro Asn Ile Leu Lys Lys Phe Asn Pro Tyr Leu Leu Gly Phe		
1145	1150	1155
Ser Thr Ser Thr Trp Glu Gly Thr Ala Gly Leu Asn Val Ala Ala		
1160	1165	1170
Glu Gly Ala Arg Ala Arg Asp Met Pro Ala Gln Ala Trp Asp Leu		
1175	1180	1185
Val Glu Arg Met Lys Asn Ser Pro Asp Ile Asn Leu Glu Lys Asp		
1190	1195	1200
Trp Lys Leu Val Thr Leu Phe Ile Gly Val Asn Asp Leu Cys His		
1205	1210	1215
Tyr Cys Glu Asn Pro Glu Ala His Leu Ala Thr Glu Tyr Val Gln		
1220	1225	1230
His Ile Gln Gln Ala Leu Asp Ile Leu Ser Glu Glu Leu Pro Arg		
1235	1240	1245
Ala Phe Val Asn Val Val Glu Val Met Glu Leu Ala Ser Leu Tyr		
1250	1255	1260
Gln Gly Gln Gly Gly Lys Cys Ala Met Leu Ala Ala Gln Asn Asn		
1265	1270	1275
Cys Thr Cys Leu Arg His Ser Gln Ser Ser Leu Glu Lys Gln Glu		
1280	1285	1290
Leu Lys Lys Val Asn Trp Asn Leu Gln His Gly Ile Ser Ser Phe		
1295	1300	1305
Ser Tyr Trp His Gln Tyr Thr Gln Arg Glu Asp Phe Ala Val Val		
1310	1315	1320
Val Gln Pro Phe Phe Gln Asn Thr Leu Thr Pro Leu Asn Glu Arg		
1325	1330	1335
Gly Asp Thr Asp Leu Thr Phe Phe Ser Glu Asp Cys Phe His Phe		
1340	1345	1350
Ser Asp Arg Gly His Ala Glu Met Ala Ile Ala Leu Trp Asn Asn		
1355	1360	1365
Met Glu Ser Pro Tyr Leu Tyr Thr Leu Arg Asn Ser Arg Leu Leu		
1370	1375	1380
Pro Asp Gln Ala Glu Glu Ala Pro Glu Val Leu Tyr Trp Ala Val		
1385	1390	1395
Pro Val Ala Ala Gly Val Gly Leu Val Val Gly Ile Ile Gly Thr		
1400	1405	1410
Val Val Trp Arg Cys Arg Arg Gly Gly Arg Arg Glu Asp Pro Pro		
1415	1420	1425
Met Ser Leu Arg Thr Val Ala Leu		
1430		

<210> 11

<211> 1004

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7513164CD1

<400> 11

Met Gly Leu Arg Pro Gly Ile Phe Leu Leu Glu Leu Leu Leu

1	5	10	15
Leu Gly Gln Gly Thr	Pro Gln Ile His	Thr Ser Pro Arg Lys	Ser
20	25	30	
Thr Leu Glu Gly Gln	Leu Trp Pro Glu	Thr Leu Lys Asn Ser	Pro
35	40	45	
Phe Pro Cys Asn Pro	Asn Lys Leu Gly	Val Asn Met Pro Ser	Lys
50	55	60	
Ser Val His Ser Leu	Lys Pro Ser Asp	Ile Lys Phe Val Ala	Ala
65	70	75	
Ile Gly Asn Leu Glu	Ile Pro Pro Asp	Pro Gly Thr Gly Asp	Leu
80	85	90	
Glu Lys Gln Asp Trp	Thr Glu Arg Pro	Gln Gln Val Cys Met	Gly
95	100	105	
Val Met Thr Val Leu	Ser Asp Ile Ile	Arg Tyr Phe Ser Pro	Ser
110	115	120	
Val Pro Met Pro Val	Cys His Thr Gly	Lys Arg Val Ile Pro	His
125	130	135	
Asp Gly Ala Glu Asp	Leu Trp Ile Gln	Ala Gln Glu Leu Val	Arg
140	145	150	
Asn Met Lys Glu Asn	Leu Gln Leu Asp	Phe Gln Phe Asp Trp	Lys
155	160	165	
Leu Ile Asn Val Phe	Phe Ser Asn Ala	Ser Gln Cys Tyr Leu	Cys
170	175	180	
Pro Ser Ala Gln Gln	Asn Gly Leu Ala	Ala Gly Gly Val Asp	Glu
185	190	195	
Leu Met Gly Val Leu	Asp Tyr Leu Gln	Gln Glu Val Pro Arg	Ala
200	205	210	
Phe Val Asn Leu Val	Asp Leu Ser Glu	Val Ala Glu Val Ser	Arg
215	220	225	
Gln Tyr His Gly Thr	Trp Leu Ser Pro	Ala Pro Glu Pro Cys	Asn
230	235	240	
Cys Ser Glu Glu Thr	Thr Arg Leu Ala	Lys Val Val Met Gln	Trp
245	250	255	
Ser Tyr Gln Glu Ala	Trp Asn Ser Leu	Leu Ala Ser Ser Arg	Tyr
260	265	270	
Ser Glu Gln Glu Ser	Phe Thr Val Val	Phe Gln Pro Phe Phe	Tyr
275	280	285	
Glu Thr Thr Pro Ser	Leu His Ser Glu	Asp Pro Arg Leu Gln	Asp
290	295	300	
Ser Thr Thr Leu Ala	Trp His Leu Trp	Asn Arg Met Met Glu	Pro
305	310	315	
Ala Gly Glu Lys Asp	Glu Pro Leu Ser	Val Lys His Gly Arg	Pro
320	325	330	
Met Lys Cys Pro Ser	Gln Glu Ser Pro	Tyr Leu Phe Ser Tyr	Arg
335	340	345	
Asn Ser Asn Tyr Leu	Thr Arg Leu Gln	Lys Pro Gln Asp Lys	Leu
350	355	360	
Glu Val Arg Glu Gly	Ala Glu Ile Arg	Cys Pro Asp Lys Asp	Pro
365	370	375	
Ser Asp Thr Val Pro	Thr Ser Val His	Arg Leu Lys Pro Ala	Asp
380	385	390	
Ile Asn Val Ile Gly	Ala Leu Gly Asp	Ser Leu Thr Ala Gly	Asn
395	400	405	
Gly Ala Gly Ser Thr	Pro Gly Asn Val	Leu Asp Val Leu Thr	Gln
410	415	420	
Tyr Arg Gly Leu Ser	Trp Ser Val Gly	Gly Asp Glu Asn Ile	Gly
425	430	435	
Thr Val Thr Thr Leu	Ala Asn Ile Leu	Arg Glu Phe Asn Pro	Ser
440	445	450	
Leu Lys Gly Phe Ser	Val Gly Thr Gly	Lys Glu Thr Ser Pro	Asn
455	460	465	
Ala Phe Leu Asn Gln	Ala Val Ala Gly	Gly Arg Ala Glu Asp	Leu
470	475	480	

Pro	Val	Gln	Ala	Arg	Arg	Leu	Val	Asp	Leu	Met	Lys	Asn	Asp	Thr
				485					490					495
Arg	Ile	His	Phe	Gln	Glu	Asp	Trp	Lys	Ile	Ile	Thr	Leu	Phe	Ile
				500					505					510
Gly	Gly	Asn	Asp	Leu	Cys	Asp	Phe	Cys	Asn	Asp	Leu	Val	His	Tyr
				515					520					525
Ser	Pro	Gln	Asn	Phe	Thr	Asp	Asn	Ile	Gly	Lys	Ala	Leu	Asp	Ile
				530					535					540
Leu	His	Ala	Glu	Val	Pro	Arg	Ala	Phe	Val	Asn	Leu	Val	Thr	Val
				545					550					555
Leu	Glu	Ile	Val	Asn	Leu	Arg	Glu	Leu	Tyr	Gln	Glu	Lys	Lys	Val
				560					565					570
Tyr	Cys	Pro	Arg	Met	Ile	Leu	Arg	Ser	Leu	Cys	Pro	Cys	Val	Leu
				575					580					585
Lys	Phe	Asp	Asp	Asn	Ser	Thr	Glu	Leu	Ala	Thr	Leu	Ile	Glu	Phe
				590					595					600
Asn	Lys	Lys	Phe	Gln	Glu	Lys	Thr	His	Gln	Leu	Ile	Glu	Ser	Gly
				605					610					615
Arg	Tyr	Asp	Thr	Arg	Glu	Asp	Phe	Thr	Val	Val	Val	Gln	Pro	Phe
				620					625					630
Phe	Glu	Asn	Val	Asp	Met	Pro	Lys	Thr	Ser	Glu	Gly	Leu	Pro	Asp
				635					640					645
Asn	Ser	Phe	Phe	Ala	Pro	Asp	Cys	Phe	His	Phe	Ser	Ser	Lys	Ser
				650					655					660
His	Ser	Arg	Ala	Ala	Ser	Ala	Leu	Trp	Asn	Asn	Met	Leu	Glu	Pro
				665					670					675
Val	Gly	Gln	Lys	Thr	Thr	Arg	His	Lys	Phe	Glu	Asn	Lys	Ile	Asn
				680					685					690
Ile	Thr	Cys	Pro	Asn	Gln	Val	Gln	Pro	Phe	Leu	Arg	Thr	Tyr	Lys
				695					700					705
Asn	Ser	Met	Gln	Gly	His	Gly	Thr	Trp	Leu	Pro	Cys	Arg	Asp	Arg
				710					715					720
Ala	Pro	Ser	Ala	Leu	His	Pro	Thr	Ser	Val	His	Ala	Leu	Arg	Pro
				725					730					735
Ala	Asp	Ile	Gln	Val	Val	Ala	Ala	Leu	Gly	Asp	Ser	Leu	Thr	Ala
				740					745					750
Gly	Asn	Gly	Ile	Gly	Ser	Lys	Pro	Asp	Asp	Leu	Pro	Asp	Val	Thr
				755					760					765
Thr	Gln	Tyr	Arg	Gly	Leu	Ser	Tyr	Ser	Ala	Gly	Gly	Asp	Gly	Ser
				770					775					780
Leu	Glu	Asn	Val	Thr	Thr	Leu	Pro	Asn	Ile	Leu	Arg	Glu	Phe	Asn
				785					790					795
Arg	Asn	Leu	Thr	Gly	Tyr	Ala	Val	Gly	Thr	Gly	Asp	Ala	Asn	Asp
				800					805					810
Thr	Asn	Ala	Phe	Leu	Asn	Gln	Ala	Val	Pro	Gly	Ala	Lys	Ala	Glu
				815					820					825
Asp	Leu	Met	Ser	Gln	Val	Gln	Thr	Leu	Met	Gln	Lys	Met	Lys	Asp
				830					835					840
Asp	His	Arg	Val	Asn	Phe	His	Glu	Asp	Trp	Lys	Val	Ile	Thr	Val
				845					850					855
Leu	Ile	Gly	Gly	Ser	Asp	Leu	Cys	Asp	Tyr	Cys	Thr	Asp	Ser	Asn
				860					865					870
Leu	Tyr	Ser	Ala	Ala	Asn	Phe	Val	His	His	Leu	Arg	Asn	Ala	Leu
				875					880					885
Asp	Val	Leu	His	Arg	Glu	Val	Pro	Arg	Val	Leu	Val	Asn	Leu	Val
				890					895					900
Asp	Phe	Leu	Asn	Pro	Thr	Ile	Met	Arg	Gln	Val	Phe	Leu	Gly	Asn
				905					910					915
Pro	Asp	Lys	Cys	Pro	Val	Gln	Gln	Ala	Arg	Ala	Ala	Cys	Ala	Ser
				920					925					930
Trp	Trp	Gly	Gln	Ala	Ala	Met	Thr	Arg	Arg	Arg	Thr	Ser	Leu	Trp
				935					940					945
Cys	Cys	Ser	Pro	Ser	Ser	Arg	Thr	Ser	Ser	Ser	Leu	Ser	Trp	Arg

	950		955		960
Met Gly Ser Gln	Ile Arg Pro Ser Leu	Pro Gln Thr Ala Ser	Thr		
	965		970		975
Gln Ile Arg Asn	Ser Thr Pro Ser Trp	Pro Glu Pro Phe Gly	Pro		
	980		985		990
Ile Cys Leu Asn	His Leu Glu Ala Lys	Gln Arg Pro Trp Thr			
	995		1000		

<210> 12
 <211> 380
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7513496CD1

<400> 12

Met Glu Gly Ala Ala	Leu Leu Arg Val	Ser Val Leu Cys Ile	Trp
1	5	10	15
Val Gln Gln Asn Val	Pro Ser Gly Thr	Asp Thr Gly Asp	Pro Gln
	20	25	30
Ser Lys Pro Leu Gly	Asp Trp Ala Ala	Gly Thr Met Asp	Pro Glu
	35	40	45
Ser Ser Ile Phe Ile	Glu Asp Ala Ile	Lys Tyr Phe Lys	Glu Lys
	50	55	60
Val Ser Thr Gln Asn	Leu Leu Leu Leu	Leu Thr Asp Asn	Glu Ala
	65	70	75
Trp Asn Gly Phe Val	Ala Ala Ala Glu	Leu Pro Arg Asn	Glu Ala
	80	85	90
Asp Glu Leu Arg Lys	Ala Leu Asp Asn	Leu Ala Arg Gln	Met Ile
	95	100	105
Met Lys Asp Lys Asn	Trp His Asp Lys	Gly Gln Gln Tyr	Arg Asn
	110	115	120
Trp Phe Leu Lys Glu	Phe Pro Arg Leu	Lys Ser Lys Leu	Glu Asp
	125	130	135
Asn Ile Arg Arg Leu	Arg Ala Leu Ala	Asp Gly Val Gln	Lys Val
	140	145	150
His Lys Gly Thr Thr	Ile Ala Asn Val	Val Ser Gly Ser	Leu Ser
	155	160	165
Ile Ser Ser Gly Ile	Leu Thr Leu Val	Gly Met Gly Leu	Ala Pro
	170	175	180
Phe Thr Glu Gly Gly	Ser Leu Val Leu	Leu Glu Pro Gly	Met Glu
	185	190	195
Leu Gly Ile Thr Ala	Ala Leu Thr Gly	Ile Thr Ser Ser	Thr Ile
	200	205	210
Asp Tyr Gly Lys Lys	Trp Trp Thr Gln	Ala Gln Ala His	Asp Leu
	215	220	225
Val Ile Lys Ser Leu	Asp Lys Leu Lys	Glu Val Lys Glu	Phe Leu
	230	235	240
Gly Glu Asn Ile Ser	Asn Phe Leu Ser	Leu Ala Gly Asn	Thr Tyr
	245	250	255
Gln Leu Thr Arg Gly	Ile Gly Lys Asp	Ile Arg Ala Leu	Arg Arg
	260	265	270
Ala Arg Ala Asn Leu	Gln Ser Val Pro	His Ala Ser Ala	Ser Arg
	275	280	285
Pro Arg Val Thr Glu	Pro Ile Ser Ala	Glu Ser Gly Glu	Gln Val
	290	295	300
Glu Arg Val Asn Glu	Pro Ser Ile Leu	Glu Met Ser Arg	Gly Val
	305	310	315
Lys Leu Thr Asp Val	Ala Pro Val Ser	Phe Phe Leu Val	Leu Asp
	320	325	330
Val Val Tyr Leu Val	Tyr Glu Ser Lys	His Leu His Glu	Gly Ala

	335		340		345
Lys Ser Glu Thr	Ala Glu Glu Leu Lys	Lys Val Ala Gln Glu Leu			
	350		355		360
Glu Glu Lys Leu	Asn Ile Leu Asn Asn	Asn Tyr Lys Ile Leu Gln			
	365		370		375
Ala Asp Gln Glu	Leu				
	380				

<210> 13
 <211> 99
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7514724CD1

<400> 13

Met Arg Ile Trp Trp	Leu Leu Leu Ala Ile	Glu Ile Cys Thr Gly
1	5	10
Asn Ile Asn Ser Gln	Asp Thr Cys Arg Gln	Gly His Pro Gly Ile
	20	25
Pro Gly Asn Pro Gly	His Asn Val Leu Pro	Gly Arg Asp Gly Arg
	35	40
Asp Gly Ala Lys Gly	Asp Lys Gly Asp Ala	Gly Glu Pro Gly Cys
	50	55
Pro Gly Ser Pro Gly	Lys Asp Gly Thr Ser	Gly Glu Lys Gly Glu
	65	70
Arg Gly Ala Asp Gly	Lys Val Glu Ala Lys	Gly Ile Lys Gly Met
	80	85
Phe Arg Cys Leu Trp	Ser Lys Thr Glu	
	95	

<210> 14
 <211> 304
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7514797CD1

<400> 14

Met Ala Ala Gly Ile	Val Ala Ser Arg Arg	Leu Arg Asp Leu Leu
1	5	10
Thr Arg Arg Leu Thr	Gly Ser Asn Tyr Pro	Gly Leu Ser Ile Ser
	20	25
Leu Arg Leu Thr Gly	Ser Ser Ala Gln Glu	Ala Ala Ser Gly Val
	35	40
Ala Leu Gly Glu Ala	Pro Asp His Ser Tyr	Glu Ser Leu Arg Val
	50	55
Thr Ser Ala Gln Lys	His Val Leu His Val	Gln Leu Asn Arg Pro
	65	70
Asn Lys Arg Asn Ala	Met Asn Lys Val Phe	Trp Arg Glu Met Val
	80	85
Glu Cys Phe Asn Lys	Ile Ser Arg Asp Ala	Asp Cys Arg Ala Val
	95	100
Val Ile Ser Gly Ala	Gly Lys Met Phe Thr	Ala Gly Ile Asp Leu
	110	115
Met Asp Met Ala Ser	Asp Ile Leu Gln Pro	Lys Gly Asp Asp Val
	125	130
Ala Arg Ile Ser Trp	Tyr Leu Arg Asp Ile	Ile Thr Arg Tyr Gln
	140	145
		150

Glu	Thr	Phe	Asn	Val	Ile	Glu	Arg	Cys	Pro	Lys	Pro	Val	Ile	Ala	
				155					160					165	
Ala	Val	His	Gly	Gly	Cys	Ile	Gly	Gly	Gly	Val	Asp	Leu	Val	Thr	
				170					175					180	
Ala	Cys	Asp	Ile	Arg	Tyr	Cys	Ala	Gln	Asp	Ala	Phe	Phe	Gln	Val	
				185					190					195	
Lys	Glu	Val	Asp	Val	Gly	Leu	Ala	Ala	Asp	Val	Gly	Thr	Leu	Gln	
				200					205					210	
Arg	Leu	Pro	Lys	Val	Ile	Gly	Asn	Gln	Ser	Arg	Val	Phe	Pro	Asp	
				215					220					225	
Lys	Glu	Val	Met	Leu	Asp	Ala	Ala	Leu	Ala	Leu	Ala	Ala	Glu	Ile	
				230					235					240	
Ser	Ser	Lys	Ser	Pro	Val	Ala	Val	Gln	Ser	Thr	Lys	Val	Asn	Leu	
				245					250					255	
Leu	Tyr	Ser	Arg	Asp	His	Ser	Val	Ala	Glu	Ser	Leu	Asn	Tyr	Val	
				260					265					270	
Ala	Ser	Trp	Asn	Met	Ser	Met	Leu	Gln	Thr	Gln	Asp	Leu	Val	Lys	
				275					280					285	
Ser	Val	Gln	Ala	Thr	Thr	Glu	Asn	Lys	Glu	Leu	Lys	Thr	Val	Thr	
				290					295					300	
Phe	Ser	Lys	Leu												

<210> 15
 <211> 180
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512100CD1

<400>	15														
Met	Ala	Thr	Pro	Tyr	Val	Pro	Val	Pro	Met	Pro	Ile	Gly	Asn	Ser	
1				5					10					15	
Ala	Ser	Ser	Phe	Thr	Thr	Asn	Arg	Asn	Gln	Arg	Ser	Ser	Ser	Phe	
				20					25					30	
Gly	Ser	Val	Ser	Thr	Ser	Ser	Asn	Ser	Ser	Lys	Gly	Gln	Leu	Glu	
				35					40					45	
Asp	Ser	Asn	Met	Gly	Thr	Ala	Ser	Ser	Ile	Glu	Tyr	Ser	Thr	Arg	
				50					55					60	
Pro	Arg	Asp	Thr	Glu	Glu	Gln	Asn	Pro	Glu	Thr	Val	Asn	Trp	Glu	
				65					70					75	
Asp	Arg	Pro	Ser	Thr	Pro	Thr	Ile	Leu	Gly	Tyr	Glu	Val	Met	Glu	
				80					85					90	
Glu	Arg	Ala	Lys	Phe	Thr	Val	Tyr	Lys	Ile	Leu	Val	Lys	Lys	Thr	
				95					100					105	
Pro	Glu	Glu	Ser	Trp	Val	Val	Phe	Arg	Arg	Tyr	Thr	Asp	Phe	Ser	
				110					115					120	
Arg	Leu	Asn	Asp	Lys	Leu	Lys	Glu	Met	Phe	Pro	Gly	Phe	Arg	Leu	
				125					130					135	
Ala	Leu	Pro	Pro	Lys	Arg	Trp	Phe	Lys	Asp	Asn	Tyr	Asn	Ala	Asp	
				140					145					150	
Phe	Leu	Glu	Asp	Arg	Gln	Leu	Gly	Leu	Gln	Ala	Phe	Leu	Gln	Asn	
				155					160					165	
Leu	Val	Ala	His	Lys	Asp	Ile	Ala	Asn	Trp	His	Ser	Val	Lys	Leu	
				170					175					180	

<210> 16
 <211> 209
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512101CD1

<400> 16

Met	Ala	Thr	Pro	Tyr	Val	Pro	Val	Pro	Met	Pro	Ile	Gly	Asn	Ser
1				5					10					15
Ala	Ser	Ser	Phe	Thr	Thr	Asn	Arg	Asn	Gln	Arg	Ser	Ser	Ser	Phe
				20					25					30
Gly	Ser	Val	Ser	Thr	Ser	Ser	Asn	Ser	Ser	Lys	Gly	Gln	Leu	Glu
				35					40					45
Asp	Ser	Asn	Met	Gly	Asn	Phe	Lys	Gln	Thr	Ser	Val	Pro	Asp	Gln
				50					55					60
Met	Asp	Asn	Thr	Ser	Ser	Val	Cys	Ser	Ser	Pro	Leu	Ile	Arg	Thr
				65					70					75
Lys	Phe	Thr	Gly	Thr	Ala	Ser	Ser	Ile	Glu	Tyr	Ser	Thr	Arg	Pro
				80					85					90
Arg	Asp	Thr	Glu	Glu	Gln	Asn	Pro	Glu	Thr	Val	Asn	Trp	Glu	Asp
				95					100					105
Arg	Pro	Ser	Thr	Pro	Thr	Ile	Leu	Gly	Tyr	Glu	Val	Met	Glu	Glu
				110					115					120
Arg	Ala	Lys	Phe	Thr	Val	Tyr	Lys	Ile	Leu	Val	Lys	Lys	Thr	Pro
				125					130					135
Glu	Glu	Ser	Trp	Val	Val	Phe	Arg	Arg	Tyr	Thr	Asp	Phe	Ser	Arg
				140					145					150
Leu	Asn	Asp	Lys	Leu	Lys	Glu	Met	Phe	Pro	Gly	Phe	Arg	Leu	Ala
				155					160					165
Leu	Pro	Pro	Lys	Arg	Trp	Phe	Lys	Asp	Asn	Tyr	Asn	Ala	Asp	Phe
				170					175					180
Leu	Glu	Asp	Arg	Gln	Leu	Gly	Leu	Gln	Ala	Phe	Leu	Gln	Asn	Leu
				185					190					195
Val	Ala	His	Lys	Asp	Ile	Ala	Asn	Trp	His	Ser	Val	Lys	Leu	
				200					205					

<210> 17
 <211> 419
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7516771CD1

<400> 17

Met	Lys	Met	Arg	Phe	Leu	Gly	Leu	Val	Val	Cys	Leu	Val	Leu	Trp
1				5					10					15
Thr	Leu	His	Ser	Glu	Gly	Ser	Arg	Gly	Lys	Leu	Thr	Ala	Val	Asp
				20					25					30
Pro	Glu	Thr	Asn	Met	Asn	Val	Ser	Glu	Ile	Ile	Ser	Tyr	Trp	Gly
				35					40					45
Phe	Pro	Ser	Glu	Glu	Tyr	Leu	Val	Glu	Thr	Glu	Asp	Gly	Tyr	Ile
				50					55					60
Leu	Cys	Leu	Asn	Arg	Ile	Pro	His	Gly	Arg	Lys	Asn	His	Ser	Asp
				65					70					75
Lys	Gly	Glu	Gly	Ala	Val	Pro	Trp	Asn	Met	Lys	Lys	Val	Ser	Met
				80					85					90
Ser	Leu	Asp	Met	Leu	Pro	Gly	Pro	Lys	Pro	Val	Val	Phe	Leu	Gln
				95					100					105
His	Gly	Leu	Leu	Ala	Asp	Ser	Ser	Asn	Trp	Val	Thr	Asn	Leu	Ala
				110					115					120
Asn	Ser	Ser	Leu	Gly	Phe	Ile	Leu	Ala	Asp	Ala	Gly	Phe	Asp	Val
				125					130					135
Trp	Met	Gly	Asn	Ser	Arg	Gly	Asn	Thr	Trp	Ser	Arg	Lys	His	Lys

Thr	Leu	Ser	Val	140	Ser	Gln	Asp	Glu	Phe	145	Trp	Ala	Phe	Ser	Tyr	150
				155						160						165
Glu	Met	Ala	Lys	170	Tyr	Asp	Leu	Pro	Ala	175	Ser	Ile	Asn	Phe	Ile	180
Asn	Lys	Thr	Gly	185	Gln	Glu	Gln	Val	Tyr	190	Val	Gly	His	Ser	Gln	195
Gly	Thr	Thr	Ile	200	Gly	Phe	Ile	Ala	Phe	205	Ser	Gln	Ile	Pro	Glu	210
Ala	Lys	Arg	Ile	215	Lys	Met	Phe	Phe	Ala	220	Leu	Gly	Pro	Val	Ala	225
Val	Ala	Phe	Cys	230	Thr	Ser	Pro	Met	Ala	235	Lys	Leu	Gly	Arg	Leu	240
Asp	His	Leu	Ile	245	Lys	Asp	Leu	Phe	Gly	250	Asp	Lys	Glu	Phe	Leu	255
Gln	Ser	Ala	Phe	260	Leu	Lys	Trp	Leu	Gly	265	Thr	His	Val	Cys	Thr	270
Val	Ile	Leu	Lys	275	Glu	Leu	Cys	Gly	Asn	280	Leu	Cys	Phe	Leu	Leu	285
Gly	Phe	Asn	Glu	290	Arg	Asn	Leu	Asn	Met	295	Ser	Arg	Val	Asp	Val	300
Thr	Thr	His	Ser	305	Pro	Ala	Gly	Thr	Ser	310	Val	Gln	Asn	Met	Leu	315
Trp	Ser	Gln	Ala	320	Val	Lys	Phe	Gln	Lys	325	Phe	Gln	Ala	Phe	Asp	330
Gly	Ser	Ser	Ala	335	Lys	Asn	Tyr	Phe	His	340	Tyr	Asn	Gln	Ser	Tyr	345
Pro	Thr	Tyr	Asn	350	Val	Lys	Asp	Met	Leu	355	Val	Pro	Thr	Ala	Val	360
Ser	Gly	Gly	His	365	Asp	Trp	Leu	Ala	Asp	370	Val	Tyr	Asp	Val	Asn	375
Leu	Leu	Thr	Gln	380	Ile	Thr	Asn	Leu	Val	385	Phe	His	Glu	Ser	Ile	390
Glu	Trp	Glu	His	395	Leu	Asp	Phe	Ile	Trp	400	Gly	Leu	Asp	Ala	Pro	405
Arg	Leu	Tyr	Asn	410	Lys	Ile	Ile	Asn	Leu	415	Met	Arg	Lys	Tyr	Gln	

<210> 18

<211> 244

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 7512128CD1

<400> 18

Met	Ala	Gly	Tyr	Glu	Tyr	Val	Ser	Pro	Glu	Gln	Leu	Ala	Gly	Phe
1				5					10					15
Asp	Lys	Tyr	Arg	Tyr	Ser	Ala	Val	Asp	Thr	Asn	Pro	Leu	Ser	Leu
				20					25					30
Tyr	Val	Met	His	Pro	Phe	Trp	Asn	Thr	Ile	Val	Lys	Val	Phe	Pro
				35					40					45
Thr	Trp	Leu	Ala	Pro	Asn	Leu	Ile	Thr	Phe	Ser	Gly	Phe	Leu	Leu
				50					55					60
Val	Val	Phe	Asn	Phe	Leu	Leu	Met	Ala	Tyr	Phe	Asp	Pro	Asp	Phe
				65					70					75
Tyr	Ala	Ser	Ala	Pro	Gly	His	Lys	His	Val	Pro	Asp	Trp	Val	Trp
				80					85					90
Ile	Val	Val	Gly	Ile	Leu	Asn	Phe	Val	Ala	Tyr	Thr	Leu	Asp	Gly
				95					100					105
Val	Asp	Gly	Lys	Gln	Ala	Arg	Arg	Thr	Asn	Ser	Ser	Thr	Pro	Leu

				110					115				120	
Gly	Glu	Leu	Phe	Asp	His	Gly	Leu	Asp	Ser	Trp	Ser	Cys	Val	Tyr
				125					130					135
Phe	Val	Val	Thr	Val	Tyr	Ser	Ile	Phe	Gly	Arg	Gly	Ser	Thr	Gly
				140					145					150
Val	Ser	Val	Phe	Val	Leu	Tyr	Leu	Leu	Leu	Trp	Val	Val	Leu	Phe
				155					160					165
Ser	Phe	Ile	Leu	Ser	His	Trp	Gly	Lys	Tyr	Asn	Thr	Gly	Ile	Leu
				170					175					180
Phe	Leu	Pro	Trp	Gly	Tyr	Asp	Ile	Ser	Gln	Val	Thr	Ile	Ser	Phe
				185					190					195
Val	Tyr	Ile	Val	Thr	Ala	Val	Val	Gly	Val	Glu	Ala	Trp	Tyr	Glu
				200					205					210
Pro	Phe	Leu	Phe	Asn	Phe	Leu	Tyr	Arg	Asp	Leu	Phe	Thr	Ala	Met
				215					220					225
Ile	Ile	Gly	Cys	Ala	Leu	Cys	Val	Thr	Leu	Pro	Met	Ser	Leu	Leu
				230					235					240
Asn	Phe	Phe	Arg											

<210> 19
 <211> 158
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7518098CD1

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 Thr Thr Thr Thr Ile Thr Ala Pro Pro Ser Arg Val Leu Gln Asn
 20 25 30
 Gly Gly Asp Lys Leu Glu Thr Met Pro Leu Tyr Leu Glu Asp Asp
 35 40 45
 Ile Arg Pro Asp Ile Lys Asp Asp Ile Tyr Asp Pro Thr Tyr Lys
 50 55 60
 Asp Lys Glu Gly Pro Ser Pro Lys Val Glu Tyr Val Trp Arg Asn
 65 70 75
 Ile Ile Leu Met Ser Leu Leu His Leu Gly Ala Leu Tyr Gly Ile
 80 85 90
 Thr Leu Ile Pro Thr Cys Lys Phe Tyr Thr Trp Leu Trp Gly Val
 95 100 105
 Phe Tyr Tyr Phe Val Ser Ala Leu Gly Ile Thr Ala Gly Ala His
 110 115 120
 Arg Leu Trp Ser His Arg Ser Tyr Lys Ala Arg Leu Pro Leu Arg
 125 130 135
 Leu Phe Leu Ile Ile Ala Asn Thr Met Ala Phe Gln Ser Pro Gln
 140 145 150
 Val Pro Val Gln Ser Leu Ser Pro
 155

<210> 20
 <211> 426
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7524729CD1

<400> 20

Met	Ser	Asn	Ser	Val	Pro	Leu	Leu	Cys	Phe	Trp	Ser	Leu	Cys	Tyr
1				5					10					15
Cys	Phe	Ala	Ala	Gly	Ser	Pro	Val	Pro	Phe	Gly	Pro	Glu	Gly	Arg
				20					25					30
Leu	Glu	Asp	Lys	Leu	His	Lys	Pro	Lys	Ala	Thr	Gln	Thr	Glu	Val
				35					40					45
Lys	Pro	Ser	Val	Arg	Phe	Asn	Leu	Arg	Thr	Ser	Lys	Asp	Pro	Glu
				50					55					60
His	Glu	Gly	Cys	Tyr	Leu	Ser	Val	Gly	His	Ser	Gln	Pro	Leu	Glu
				65					70					75
Asp	Cys	Ser	Phe	Asn	Met	Thr	Ala	Lys	Thr	Phe	Phe	Ile	Ile	His
				80					85					90
Gly	Trp	Thr	Met	Ser	Gly	Ile	Phe	Glu	Asn	Trp	Leu	His	Lys	Leu
				95					100					105
Val	Ser	Ala	Leu	His	Thr	Arg	Glu	Lys	Asp	Ala	Asn	Val	Val	Val
				110					115					120
Val	Asp	Trp	Leu	Pro	Leu	Ala	His	Gln	Leu	Tyr	Thr	Asp	Ala	Val
				125					130					135
Asn	Asn	Thr	Arg	Val	Val	Gly	His	Ser	Ile	Ala	Arg	Met	Leu	Asp
				140					145					150
Trp	Leu	Gln	Glu	Lys	Asp	Asp	Phe	Ser	Leu	Gly	Asn	Val	His	Leu
				155					160					165
Ile	Gly	Tyr	Ser	Leu	Gly	Ala	His	Val	Ala	Gly	Tyr	Ala	Gly	Asn
				170					175					180
Phe	Val	Lys	Gly	Thr	Val	Gly	Arg	Ile	Thr	Ala	Ile	Thr	Glu	Val
				185					190					195
Val	Lys	Cys	Glu	His	Glu	Arg	Ala	Val	His	Leu	Phe	Val	Asp	Ser
				200					205					210
Leu	Val	Asn	Gln	Asp	Lys	Pro	Ser	Phe	Ala	Phe	Gln	Cys	Thr	Asp
				215					220					225
Ser	Asn	Arg	Phe	Lys	Lys	Gly	Ile	Cys	Leu	Ser	Cys	Arg	Lys	Asn
				230					235					240
Arg	Cys	Asn	Ser	Ile	Gly	Tyr	Asn	Ala	Lys	Lys	Met	Arg	Asn	Lys
				245					250					255
Arg	Asn	Ser	Lys	Met	Tyr	Leu	Lys	Thr	Arg	Ala	Gly	Met	Pro	Phe
				260					265					270
Arg	Val	Tyr	His	Tyr	Gln	Met	Lys	Ile	His	Val	Phe	Ser	Tyr	Lys
				275					280					285
Asn	Met	Gly	Glu	Ile	Glu	Pro	Thr	Phe	Tyr	Val	Thr	Leu	Tyr	Gly
				290					295					300
Thr	Asn	Ala	Asp	Ser	Gln	Thr	Leu	Pro	Leu	Glu	Ile	Val	Glu	Arg
				305					310					315
Ile	Glu	Gln	Asn	Ala	Thr	Asn	Thr	Phe	Leu	Val	Tyr	Thr	Glu	Gly
				320					325					330
Asp	Leu	Gly	Asp	Leu	Leu	Lys	Ile	Gln	Leu	Thr	Trp	Glu	Gly	Ala
				335					340					345
Ser	Gln	Ser	Trp	Tyr	Asn	Leu	Trp	Lys	Glu	Phe	Arg	Ser	Tyr	Leu
				350					355					360
Ser	Gln	Pro	Arg	Asn	Pro	Gly	Arg	Glu	Leu	Asn	Ile	Arg	Arg	Ile
				365					370					375
Arg	Val	Lys	Ser	Gly	Glu	Thr	Gln	Arg	Lys	Leu	Thr	Phe	Cys	Thr
				380					385					390
Glu	Asp	Pro	Glu	Asn	Thr	Ser	Ile	Ser	Pro	Gly	Arg	Glu	Leu	Trp
				395					400					405
Phe	Arg	Lys	Cys	Arg	Asp	Gly	Trp	Arg	Met	Lys	Asn	Glu	Thr	Ser
				410					415					420
Pro	Thr	Val	Glu	Leu	Pro									
				425										

<210> 21

<211> 909

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7520475CD1

<400> 21

Met	Val	Ala	Glu	Asn	Pro	Glu	Val	Thr	Lys	Gln	Trp	Val	Glu	Gly	1	5	10	15
Leu	Arg	Ser	Ile	Ile	His	Asn	Phe	Arg	Ala	Asn	Asn	Val	Ser	Pro	20	25	30	35
Met	Thr	Cys	Leu	Lys	Lys	His	Trp	Met	Lys	Leu	Ala	Phe	Met	Thr	40	45	50	55
Asn	Thr	Asn	Gly	Lys	Ile	Pro	Val	Arg	Ser	Ile	Thr	Arg	Thr	Phe	60	65	70	75
Ala	Ser	Gly	Lys	Thr	Glu	Lys	Val	Ile	Phe	Gln	Ala	Leu	Lys	Glu	80	85	90	95
Leu	Gly	Leu	Pro	Ser	Gly	Lys	Asn	Asp	Glu	Ile	Glu	Pro	Thr	Ala	100	105	110	115
Phe	Ser	Tyr	Glu	Lys	Phe	Tyr	Glu	Leu	Thr	Gln	Lys	Ile	Cys	Pro	120	125	130	135
Arg	Thr	Asp	Ile	Glu	Asp	Leu	Phe	Lys	Lys	Ile	Asn	Gly	Asp	Lys	140	145	150	155
Thr	Asp	Tyr	Leu	Thr	Val	Asp	Gln	Leu	Val	Ser	Phe	Leu	Asn	Glu	160	165	170	175
His	Gln	Arg	Asp	Pro	Arg	Leu	Asn	Glu	Ile	Leu	Phe	Pro	Phe	Tyr	180	185	190	195
Asp	Ala	Lys	Arg	Ala	Met	Gln	Ile	Ile	Glu	Met	Tyr	Glu	Pro	Asp	200	205	210	215
Glu	Asp	Leu	Lys	Lys	Lys	Gly	Leu	Ile	Ser	Ser	Asp	Gly	Phe	Cys	220	225	230	235
Arg	Tyr	Leu	Met	Ser	Asp	Glu	Asn	Ala	Pro	Val	Phe	Leu	Asp	Arg	240	245	250	255
Leu	Glu	Leu	Tyr	Gln	Glu	Met	Asp	His	Pro	Leu	Ala	His	Tyr	Phe	260	265	270	275
Ile	Ser	Ser	Ser	His	Asn	Thr	Tyr	Leu	Thr	Gly	Arg	Gln	Phe	Gly	280	285	290	295
Gly	Lys	Ser	Ser	Val	Glu	Met	Tyr	Arg	Gln	Val	Leu	Leu	Ala	Gly	300	305	310	315
Cys	Arg	Cys	Val	Glu	Leu	Asp	Cys	Trp	Asp	Gly	Lys	Gly	Glu	Asp	320	325	330	335
Gln	Glu	Pro	Ile	Ile	Thr	His	Gly	Lys	Ala	Met	Cys	Thr	Asp	Ile	340	345	350	355
Leu	Phe	Lys	Asp	Val	Ile	Gln	Ala	Ile	Lys	Glu	Thr	Ala	Phe	Val	360	365	370	375
Thr	Ser	Glu	Tyr	Pro	Val	Ile	Leu	Ser	Phe	Glu	Asn	His	Cys	Ser	380	385	390	395
Lys	Tyr	Gln	Gln	Tyr	Lys	Met	Ser	Lys	Tyr	Cys	Glu	Asp	Leu	Phe	400	405	410	415
Gly	Asp	Leu	Leu	Leu	Lys	Gln	Ala	Leu	Glu	Ser	His	Pro	Leu	Glu	420	425	430	435
Pro	Gly	Arg	Ala	Leu	Pro	Ser	Pro	Asn	Asp	Leu	Lys	Arg	Lys	Ile				
Leu	Ile	Lys	Asn	Lys	Arg	Leu	Lys	Pro	Glu	Val	Glu	Lys	Lys	Gln				
Leu	Glu	Ala	Leu	Arg	Ser	Met	Met	Glu	Ala	Gly	Glu	Ser	Ala	Ser				
Pro	Ala	Asn	Ile	Leu	Glu	Asp	Asp	Asn	Glu	Glu	Glu	Ile	Glu	Ser				
Ala	Asp	Gln	Glu	Glu	Glu	Ala	His	Pro	Glu	Phe	Lys	Phe	Gly	Asn				
Glu	Leu	Ser	Ala	Asp	Asp	Leu	Gly	His	Lys	Glu	Ala	Val	Ala	Asn				
Ser	Val	Lys	Lys	Gly	Leu	Val	Thr	Val	Glu	Asp	Glu	Gln	Ala	Trp				

Met	Ala	Ser	Tyr	Lys	Tyr	Val	Gly	Ala	Thr	Thr	Asn	Ile	His	Pro
				440					445					450
His	Leu	Ser	Thr	Met	Ile	Asn	Tyr	Ala	Gln	Pro	Val	Lys	Phe	Gln
				455					460					465
Gly	Phe	His	Val	Ala	Glu	Glu	Arg	Asn	Ile	His	Tyr	Asn	Met	Ser
				470					475					480
Ser	Phe	Asn	Glu	Ser	Val	Gly	Leu	Gly	Tyr	Leu	Lys	Thr	His	Ala
				485					490					495
Ile	Glu	Phe	Val	Asn	Tyr	Asn	Lys	Arg	Gln	Met	Ser	Arg	Ile	Tyr
				500					505					510
Pro	Lys	Gly	Gly	Arg	Val	Asp	Ser	Ser	Asn	Tyr	Met	Pro	Gln	Ile
				515					520					525
Phe	Trp	Asn	Ala	Gly	Cys	Gln	Met	Val	Ser	Leu	Asn	Tyr	Gln	Thr
				530					535					540
Pro	Asp	Leu	Ala	Met	Gln	Leu	Asn	Gln	Gly	Lys	Phe	Glu	Tyr	Asn
				545					550					555
Gly	Ser	Cys	Gly	Tyr	Leu	Leu	Lys	Pro	Asp	Phe	Met	Arg	Arg	Pro
				560					565					570
Asp	Arg	Thr	Phe	Asp	Pro	Phe	Ser	Glu	Thr	Pro	Val	Asp	Gly	Val
				575					580					585
Ile	Ala	Ala	Thr	Cys	Ser	Val	Gln	Val	Ile	Ser	Gly	Gln	Phe	Leu
				590					595					600
Ser	Asp	Lys	Lys	Ile	Gly	Thr	Tyr	Val	Glu	Val	Asp	Met	Tyr	Gly
				605					610					615
Leu	Pro	Thr	Asp	Thr	Ile	Arg	Lys	Glu	Phe	Arg	Thr	Arg	Met	Val
				620					625					630
Met	Asn	Asn	Gly	Leu	Asn	Pro	Val	Tyr	Asn	Glu	Glu	Ser	Phe	Val
				635					640					645
Phe	Arg	Lys	Val	Ile	Leu	Pro	Asp	Leu	Ala	Val	Leu	Arg	Ile	Ala
				650					655					660
Val	Tyr	Asp	Asp	Asn	Asn	Lys	Leu	Ile	Gly	Gln	Arg	Ile	Leu	Pro
				665					670					675
Leu	Asp	Gly	Leu	Gln	Ala	Gly	Tyr	Arg	His	Ile	Ser	Leu	Arg	Asn
				680					685					690
Glu	Gly	Asn	Lys	Pro	Leu	Ser	Leu	Pro	Thr	Ile	Phe	Cys	Asn	Ile
				695					700					705
Val	Leu	Lys	Thr	Tyr	Val	Pro	Asp	Gly	Phe	Gly	Asp	Ile	Val	Asp
				710					715					720
Ala	Leu	Ser	Asp	Pro	Lys	Lys	Phe	Leu	Ser	Ile	Thr	Glu	Lys	Arg
				725					730					735
Ala	Asp	Gln	Met	Arg	Ala	Met	Gly	Ile	Glu	Thr	Ser	Asp	Ile	Ala
				740					745					750
Asp	Val	Pro	Ser	Asp	Thr	Ser	Lys	Asn	Asp	Lys	Lys	Gly	Lys	Ala
				755					760					765
Asn	Thr	Ala	Lys	Ala	Asn	Val	Thr	Pro	Gln	Ser	Ser	Ser	Glu	Leu
				770					775					780
Arg	Pro	Thr	Thr	Thr	Ala	Ala	Leu	Ala	Ser	Gly	Val	Glu	Ala	Lys
				785					790					795
Lys	Gly	Ile	Glu	Leu	Ile	Pro	Gln	Val	Arg	Ile	Glu	Asp	Leu	Lys
				800					805					810
Gln	Met	Lys	Ala	Tyr	Leu	Lys	His	Leu	Lys	Lys	Gln	Gln	Lys	Glu
				815					820					825
Leu	Asn	Ser	Leu	Lys	Lys	Lys	His	Ala	Lys	Glu	His	Ser	Thr	Met
				830					835					840
Gln	Lys	Leu	His	Cys	Thr	Gln	Val	Asp	Lys	Ile	Val	Ala	Gln	Tyr
				845					850					855
Asp	Lys	Glu	Lys	Ser	Thr	His	Glu	Lys	Ile	Leu	Glu	Lys	Ala	Met
				860					865					870
Lys	Lys	Lys	Gly	Gly	Ser	Asn	Cys	Leu	Glu	Met	Lys	Lys	Glu	Thr
				875					880					885
Glu	Ile	Lys	Ile	Gln	Thr	Leu	Thr	Ser	Asp	His	Lys	Ser	Lys	Gly
				890					895					900
Lys	Gln	Gly	Asn	Ala	Ser	Thr	Pro	Gly						

905

<210> 22
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7511098CB1

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 gccctgctcc ctgcagccag gtgtagtttc gggagccact ggggccaaag tgagagtcca 180
 gcgggtcttcc agcgcttggg ccacggcggc ggccctggga gcagaggtgg agcgacccca 240
 ttacgctaaa gatgaaaggc tgggggttggc tggccctgct tctggggggc ctgctgggaa 300
 ccgcctgggc tcggaggagc caggatctcc actgtggagc atgcagggct ctgggtggatg 360
 aactagaatg ggaaattgcc cagggtggacc ccaagaagac cattcagatg ggatctttcc 420
 ggatcaatcc agatggcagc cagtcagtgg tggagtgtga gagcattgtg gaggaatacg 480
 aggatgaact cattgaattc ttttcccag aggctgacaa tgttaaagac aaactttgca 540
 gtaagcgaac agatctttgt gaccatgccc tgcacatata gcatgatgag ctatgaacca 600
 ctggagcagc ccacactggc ttgatggatc acccccagga gggga 645

<210> 23
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7522037CB1

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 tacactatgg gcacacgact cctcccagct ctgtttcttg tcctcctggt attgggattt 60
 gaggtccagg ggacccaaca gcccagcaa gatgagatgc ctagcccgac ctccctcacc 120
 cagggtgaagg aatctctctc cagttactgg gagtcagcaa agacagccgc ccagaacctg 180
 gacttgatca gcaaaagcac agcagccatg agcacttaca caggcatttt tactgaccaa 240
 gttctttctg tgctgaaggg agaggagtaa cagccagacc ccccata 287

<210> 24
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 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7524271CB1

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 ggcactgctg cctggaccac ctcatccttg gcctgtgcc agggccctga gttctgggtg 120
 caaagcctgg agcaagcatt gcagtgcaga gccctagggc attgcctaca ggaagtctgg 180
 ggacatgtgg gagccgatct ctccgagcag caattcccca ttcctctccc ctattgctgg 240
 ctctgcaggg ctctgatcaa gcggatccaa gccatgattc ccaaggggtg gctagctgtg 300
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<210> 33

<211> 1511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7513496CB1

<400> 33

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gcagcgacat ggaggagct gctttgtgta gagtctctgt cctctgcac tgggtgcaac 240
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<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7514724CB1

<400> 34

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<210> 35

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7514797CB1

<400> 35

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<210> 36
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7512100CB1

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<210> 37
 <211> 1143
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512101CB1

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<210> 38
 <211> 1329
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 39
 <211> 2249
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7512128CB1

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<212> DNA

<213> Homo sapiens

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<221> misc_feature

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